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U. S. Department of Agriculture

Peter Henderson, Stumpp & Walter

Jersey City, N.J.

1953 GARDEN ANNUAL

Tuberous Begonias

FRONT COVER COLLECTION

1 each of 6 colors shown $1.75

(See *Tuberous Begonias* on pages 21, 59)

Cosmos **FIESTA**

Choose

Alyssum ROYAL CARPET

1953 AAS SELECTION

1026 The first new development in alyssum in 12 years, Royal Carpet provides a colorful companion for Carpet of Snow. The individual flowers open a soft lavender-pink, which turns to rich royal purple with age. Uniformly low and compact, it is the perfect edging or ground cover for your garden. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

Petunia COMANCHE 1953 AAS SELECTION

2324 A new bright, uniform scarlet-red variety, somewhat larger than Fire Chief. Single flowers 2½ inches in diameter. A fine bedder growing 13 inches tall. Valuable also for cutting. Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2.

Zinnia PERSIAN CARPET 1952 AAS SELECTION

2893 The multitudes of small (1½-inch), dahlia-shaped flowers have many lovely pastel colors with the centers of the petals in deep contrasting tones. The relatively small (12 to 15-inch) plants form dense mounds covered with quantities of flowers. Pkt. 20c; 3 pkts. 50c; 6 pkts. 90c.

EVERY ITEM IS
PREPAID
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To make your ordering easier, we are for the first time listing all items at a prepaid price. Wherever you live, simply list the items you want and the prices as they appear. The total is the cost delivered to your door . . . add nothing for postage.

Spring is not a date on a calendar . . . it is a state of mind, and in the case of the home gardener, it comes much earlier than it does to those who are less fortunate. We sincerely hope that this catalog will be a harbinger of spring for you . . . will, no matter how good last year's garden, inspire you to have greater beauty and a more productive vegetable garden this year. Our buyers and growers, backed by a tradition of 104 years, have worked hard and long to bring you the best varieties and the highest quality possible. If you are a customer of ours, you know what this means . . . if you are getting acquainted with us for the first time, it is your invitation to buy with confidence from this, our 1953 catalog.

Peter Henderson, Stumpp & Walter Co.

1952 AAS SELECTION

1619 Bright orange, semi-double flowers flashed with orange-scarlet. Fine lacy foliage and 2½-foot stems. Pkt. 20c; 3 pkts. 50c; 6 pkts. 90c.

from these ALL-AMERICA SELECTIONS

For many years new flower (and vegetable) seeds have been grown in test gardens throughout the country. The experts have cast their votes for those varieties which in their judgment have most nearly met the qualifications desirable in the plants under observation. Those chosen have been designated All-America Selections. Here and elsewhere throughout the catalog plants so selected are identified by this symbol: AAS

1079 Antirrhinum majus, Snapdragon, VELVET GIANT. A remarkable velvety crimson-red, with a bronze-orange glow. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

1487 Celosia, Cockscomb, ROYAL VELVET. Heads of rich deep crimson on plants 2 feet high. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

1494 Centaurea, Bachelor's Button or Cornflower, JUBILEE GEM. A plant only 1 foot high, producing a wealth of intense blue flowers. Pkt. 15c; ¼oz. 50c; oz. $1.50.

1566 Cleome, Spider-Flower, PINK QUEEN. A beautiful salmon-pink gaining popularity as its superb qualities are appreciated. Pkt. 20c; 3 pkts. 50c; ¼oz. $1.00.

1607 Cosmos, RADIANCE. A novelty cosmos 5 feet high with an inner zone of deep crimson, and yellow stamens. A great beauty. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

1636 Cynoglossum amabile, Chinese Forget-me-not, FIRMAMENT. The 15-inch plants bear quantities of small, fragrant, indigo-blue flowers on graceful stems. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

1687 Dianthus, Pink, WESTWOOD BEAUTY. A single pink 12 inches high, with flower color from fiery crimson to deep velvety red. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

1896 Hollyhock, INDIAN SUMMER. Flowers are large and double, in varied bright colors. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

1901 Hunnemannia, Mexican Tulip Poppy, SUNLITE. Sunny, poppy-like flowers above finely cut, light green foliage. Full sun is essential. To 1½ feet. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

2050 Marigold, GLITTERS. A brilliant sparkling yellow marigold, shaped like a full-flowered chrysanthemum. Plants 2½ to 4 feet high, yield a profusion of strong-stemmed 3 to 4-inch flowers. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

2037 Marigold, GOLDEN BEDDER. Golden orange flowers have an outer row of broad petals surrounding a fully double crest. An early variety only 15 inches high. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

2062 Marigold, French Dwarf Double, BUTTERBALL. Flowers are 1½ inches across, bright canary-yellow, with pompon of small quilled petals in the center and broader, flattened petals around the outside. 9 inches. Pkt. 15c; ¼oz. 50c; oz. $1.50.

2078 Marigold, French Dwarf Double, YELLOW PIGMY. Lovely lemon-yellow, double flowers 1¼ inches across literally cover the 9-inch, compact plants. Pkt. 15c; ¼oz. 50c; oz. $1.50.

2086 Marigold, French Single, RED HEAD. From a tightly packed mass of tiny, stiff yellow petals edged with maroon, extend broad flat petals, opening mahogany color, changing to metallic bronze-yellow. 15 inches. Pkt. 15c; ¼oz. 50c; oz. $1.50.

2195 Pansy, CORONATION GOLD. The flowers are canary-yellow, flushed orange. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

2233 Petunia, All-Double AMERICA. Plants a foot high are covered with 3½-inch, rose-pink flowers. Pkt. 50c; 3 pkts. $1.25.

2234 Petunia, All-Double COLOSSAL SHADES OF ROSE. Many flowers are 5 inches across, some fringed and some ruffled. Color range encompasses salmon-pink and deep rose. Pkt. $1; 3 pkts. $2.75.

2236 Petunia, All-Double MRS. DWIGHT D. EISENHOWER. Flowers double, soft salmon-pink, 2½ inches across, on strong, bushy plants 16 inches high. Beautiful cut flower. Pkt. $2.00; 3 pkts. $5.50.

2203 Petunia, Giant Single Fringed GLAMOUR. Single frilled flowers 5 inches across. Rosy salmon with cream throat. Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2.25.

2238 Petunia, Dwarf Bedding FIRE CHIEF. The first really red petunia. A thrilling, vibrant color for bold effect. Foot-high plants produce quantities of 3-inch flowers. A truly wonderful variety. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

2287 Petunia, Single Bedding PINK SENSATION. Three-inch, pink flowers blooming in abundance throughout the season. Pkt. 50c; 3 pkts. $1.25.

2296 Petunia, Single Bedding FLAMING VELVET. Dark plushy red with a scarlet luster. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

2358 Phlox, GLOBE MIXED. A new and spectacular phlox from Japan forming compact, globe-shaped mounds 5 to 8 inches high and 8 to 12 inches wide, which are practically covered with flowers. The mixture contains mostly white, dark red, rose and lavender-pink. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

2333 Giant Phlox, Drummondi gigantea, ART SHADES. Flowers 1½ inches across, in a variety of pastel colors. 9 inches. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

2489 Scabiosa, Pincushion-Flower, BLUE MOON. Large, double, cone-shaped flowers 2¾ inches across; deep lavender-blue. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

2764 Verbena, BEAUTY OF OXFORD HYBRIDS MIXED. Enormous flowers, rose-pink to rose-red. Pkt. 25c; 3 pkts. 60c; ¼oz. $1.00.

Tithonia, TORCH

2749 Gorgeous orange-red splashes in your garden from early summer to fall. Lush deep green foliage makes it desirable as a background plant in the sunny exposed garden where it combines well with easy-to-grow cosmos, zinnias and petunias to make a memorable color-filled summer. Pkt. 20c; 3 pkts. 50c; 6 pkts. 90c.

Ageratum, BLUE PERFECTION

Annuals ★

Marigolds

3 WINNERS

2056 YELLOW SUPREME. Long a favorite and not superseded by new varieties of this type. The lemon-yellow flowers are beautifully frilled, on long stems. Pkt. 20c; ¼oz. 50c; oz. $1.50.

2057 GUINEA GOLD. Deep orange with gold overlay. 3 inches in diameter. Sturdy stems ideal for cutting. Pkt. 20c; ¼oz. 50c; oz. $1.50.

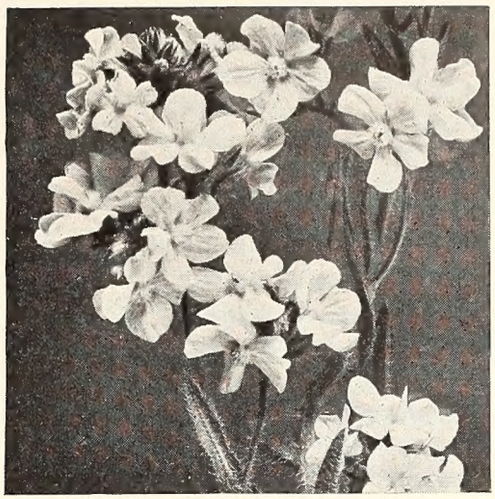
2067 SPRY. Hundreds of 2-inch flowers with light yellow crests surrounded by contrasting petals of deep velvety maroon. 8 inches. Pkt. 15c; ¼oz. 50c; oz. $1.50.

Collection 2957: 3 ONE PKT. OF EACH 40c

2215 *Fluffy Ruffles* PETUNIA

Magnificently fringed and frilled varieties in a wide range of solid and bordered colors. Flowers, shown slightly smaller than actual size at right, are borne profusely throughout the summer. They do wonderfully in soil of moderate richness in full sun. Seeds started in flats in the home will produce larger plants and more flowers over a longer time than those started in the open ground. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

Sweet Alyssum



Anchusa

Acroclinium, Sensation Hybrids

SUMMER-LONG COLOR·EASY TO GROW

Dollar for dollar, nothing in the home garden will give more satisfaction than flowers you raise from seed. Clear, vibrant, summer-long beauty in all the colors of the rainbow . . . to enjoy in the garden or to cut for the house are yours when you start with a few packets of the seeds described below. Plant them lavishly for pennies . . . in a few short weeks you'll have the world's finest flowers . . . for yourself and to share with your friends. It's a promise when you choose Henderson's selected seeds. Easy-to-follow cultural directions on every package. Many of these varieties will flower over a longer period if started in the house or in hotbeds. To get the most from them we suggest early ordering.

(A) **ANNUAL.** Seed sown in the spring (either in the house or, after settled warm weather, in the garden) produces plants that flower the same year and die at the end of the season.

(P) **PERENNIAL.** Seed planted in spring or summer produces plants which bloom the next year and continue year after year.

(B) **BIENNIAL.** Seed sown in the spring or summer produces plants which bloom the following year only.

(R) **ROCK GARDEN.** These are, for the most part, low-growing varieties that make good material for use as low borders, as under-planting and foreground plants as well as rock-garden plants.

ALL-AMERICA SELECTIONS are designated by this symbol. For many years, both flower and vegetable seeds have been grown in widely distributed trial grounds throughout the country and voted upon for all-round quality by experts. This symbol is your way of identifying the winners they have selected.

1002 ACHILLEA Ptarmica, The Pearl. (P) Invaluable for light, airy contrast with the bolder garden flowers either in the garden or as a cut flower. One of the hardiest perennials. The 2½-foot plants have attractive foliage and large clusters of small, double, creamy white flowers on stiff stems. Blooms from July to frost. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

ACONITUM—see Monkshood, page 15.

1008 ACROCLINIUM, Sensation Hybrid Double. (A) **EVERLASTING.** For winter bouquets. Three-inch blooms, fully double and varying in color from medium rose to light pink. 20 inches. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

AGERATUM

Distinctive flower beds owe much to an effective edging. Ageratum is one of the best: long-flowering and dependable.

1011 Blue Perfection. A variety growing to 6 inches, with deep blue flowers. Pkt. 15c; 3 pkts. 40c; ¼oz. 75c.

1012 Fairy Pink. (In color on page 10.) Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

1014 Midget Blue. A superior variety with 4-inch plants with azure-blue flowers. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

ALYSSUM

The most frequently used and longest-flowering edging.

1022 Sweet Alyssum. *Alyssum Benthami.* (A) 9 inches. Fragrant white flowers. Pkt. 15c; ¼oz. 30c; oz. $1.

1024 Violet Queen. (A) A deep lavender variety, sweetly scented, dwarf and compact. Pkt. 15c; 3 pkts. 40c; ¼oz. 60c; oz. $2.

1025 White Carpet. *A. compactum.* (A) Plants 3 inches high, crowded with tiny white flowers. Pkt. 15c; ¼oz. 50c; oz. $1.50.

1026 Royal Carpet. 1953 All-America Selection shown in color on page 2.

1027 Saxatile Compactum. (P) (R) The bright yellow flowers, borne on 15-inch plants, are equally desirable for rock garden or border. Pkt. 15c; ¼oz. 50c; oz. $1.75.

1029 Perennial Rock Species, Mixed. (P) (R) A blend of low-growing species effective for under-planting where species tulips are established. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

ANCHUSA or BUGLOSS. Blue of anchusa is valuable planted in a buffer zone between blocks of vivid color.

1036 Blue Bird. (A) Intense blue flowers freely produced on compact plants 1½ feet high. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

1153 ARABIS alpina. (P) (R) **ROCKCRESS.** Masses of 4-petaled, showy white flowers produced in tufts during April. 1 foot. Pkt. 15c; ¼oz. 50c; oz. $1.75.

ANTIRRHINUM (A) SNAPDRAGON

Snapdragon seed should be sown in flats indoors as early as March and transplanted to a permanent location after all danger of frost in May.

Garden Types

1137 Skyscraper Mixed. Skyscraper snapdragons—the tallest grown. Central spikes over 3 feet in height, followed by laterals nearly as tall. Colors are a blend of softer shades. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

Antirrhinum Maximum Super-Giants.

1049 Alaska. Pure white.

1051 *Apple Blossom. Light pink.

1055 *Canary Bird. Yellow with deeper lip.

1057 Copper King. Copper with gold lip.

1058 *Copper Queen. Bronze and old-gold.

1059 *Crimson. Deep crimson. (In color on page 10.)

1060 *Loveliness. Soft rose-pink.

1063 Yellow Giant. Large, deep yellow spikes.

1065 Maximum, Mixed. Finely assorted.

Pkt. 25c; 3 pkts. 60c; ⅛oz. $1

● **COLLECTION 2930: One each of 5 varieties marked * $1.**

Antirrhinum Majus (Tall; 2½ ft.)

1081 Mixed Varieties. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

Aristocratic Tetraploid Snapdragons. Try growing scientifically developed tetraploid snapdragons for blooms of enormous size and regal bearing.

1050 Tetra Yellow.

1089 White.

1091 Sunset.

Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75

1048 Tetra Mixed. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10; ¼oz. $1.50.

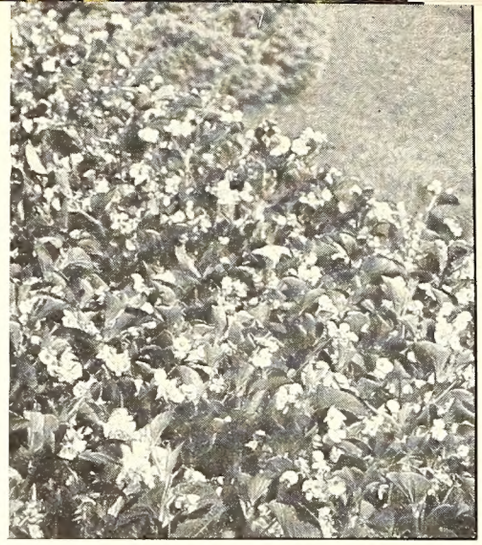
1092 Large-Flowering Half-Dwarf. *Antirrhinum nanum grandiflorum.* A beautiful 1-foot type in a gay variety of colors. Pkt. 15c; ⅛oz. 50c; ¼oz. 85c.

Greenhouse Types

To obtain a succession of bloom, monthly sowings are usually made, starting in July.

A complete range of all the new and popular varieties are available at market prices. Kindly write us for your requirements.

Arctotis grandis



Begonia, Adeline

Aquilegia, American Hybrids

AQUILEGIA (P) COLUMBINE

A graceful plant 2½ feet high with intricate spurred flowers on long, slender stems. The wide range of self-colors and flowers with contrasting color combinations make them especially interesting to grow. May–June.

Long-Spurred Varieties

1141 Blue Shades **1143 Pink Shades**
1144 Scarlet Shades

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

1147 Crimson Star. Red with white centers. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

1152 Colossal Hybrids. An outstanding mixture. Enormous 5½-inch flowers with exceptionally long spurs. Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2.25.

1146 American Hybrids. Magnificent clusters of huge, long-spurred, single flowers. Pure white, blue and white, pure yellow, pink with yellow corolla, red with orange corolla are included in this blend. Pkt. 25c; 3 pkts 60c; 6 pkts. $1.10.

1157 ARCTOTIS grandis. (A) **AFRICAN DAISY.** Showy flowers, white above and lilac-blue below, with rich blue centers, on 2-foot stems. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

1158 Arctotis Hybrids. Plants a foot high with flowers in a mixture of colors including coppery rose, red, crimson, orange, gold and cream. Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75.

ASTERS

Asters should have an open, sunny position. They prefer rich loamy soil. Seed is preferably started in a sunny window, hotbed or coldframe in March, the seedlings transplanted 1½ feet apart in May.

Annual Types

Princess Asters. (Description and color picture on page 9.)

1170 Aurora, Golden Sheaf. Deep yellow.
1213 *Princess Annie. Peach-blossom.
1214 Princess Barbara. Orchid.
1215 *Princess Elizabeth. White.
1218 *Princess Linda. Pure rose.
1217 *Princess Marsha. Cinnabar-red.
1219 *Princess Margaret. True rose.
1217A Princess Pat. Bright crimson.
1219A *Princess Susan. Clear deep blue.
1220 Princess Mixed. Splendid blend.

Pkt. 25c; 3 pkts. 60c; ¼oz. $1

● **COLLECTION 2991: 6 pkts. marked * $1.**

Invincible or Early Royal. A superior aster, robust and wilt-resistant. Fully double flowers are like chrysanthemums in form, 3½ to 4 inches across. Stems are long and ideal for cutting. Flowering is continuous from summer to frost.

1191 Lavender **1192 Violet-Purple**
1195 Pearl-Pink **1196 Carmine-Rose**
1197 Pure White **1198 Crimson**
1200 Mixed Colors

Pkt. 15c; ¼oz. 60c; oz. $2

● **COLLECTION 2934: Pkt. ea. 6 colors 75c**

Early Giant. Asters fully double, 4 to 5 inches across and possessing great decorative value for arrangements. Plant height 2½ feet.

1221 Light Blue. Bright, light tint.
1223 Rose Marie. Bright rose.
1225 Peach Blossom. Lavender-pink.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

● **COLLECTION 2936: Pkt. each of 3 colors 65c**

Midseason Giants. (In color on page 9.) **Queen of the Earlies** (Market). Valuable for early flowers. The medium-sized asters are very full. 18 inches.

1178 Crimson **1184 Rose-Pink**
1180 Dark Blue **1186 White**
1182 Lavender **1189 Mixed**

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

● **COLLECTION 2933: Pkt. ea. 5 colors 60c.**

Improved Crego. Finest of the fancy Comet asters, 5-inch flowers on long stems.

1201 Azure-Blue **1207 Orchid**
1202 Crimson **1208 Shell-Pink**
1204 Dark Blue **1210 White**
1205 Deep Rose **1212 Mixed Crego**

Pkt. 15c; ¼oz. 60c; oz. $2

1259 Single Comet, Mixed. A distinctive type for arrangements, having large flowers 5 to 6 inches across in a choice blend of colors. Pkt. 15c; ¼oz. 50c; oz. $1.50.

Late Branching or Semple's. Flowers of extraordinary size, standing erect on long, graceful stems. 1½ to 2 feet.

1249 Lavender **1253 Rose-Pink**
1250 Purple **1254 Sensation** (red)
1256 Shell-Pink **1258 Mixed**
1251 Pure White

Pkt. 15c; ¼oz. 60c; oz. $2

Little Giants. A new and distinct type growing in 12-inch mounds, with numerous Crego-shaped, 4 to 5-inch flowers.

1236A Azure Fairy. Pure clear lavender.
1237A Rosamond. Soft rose-pink.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

Giant Sunshine Aster. Not wilt-resistant. Flowers are spectacular, 4 to 6 inches across, with cushiony centers of petals and pointed outer petals. 3 feet.

1261 Mixed Colors. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

1174 Santa Maria Super Giant. Six-inch flowers are double and pure white, with gracefully curled petals interlacing at the center. Stout stems 2½ feet long. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

1171 Ball's White. The finest midseason white aster. Four-inch flowers have broad keeled petals. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

1172 Heart of France. The best red aster. Plants 2 feet high bear large rich deep ruby-red flowers on long, strong stems. Pkt 15c; 3 pkts. 40c; 6 pkts. 75c.

BABY'S BREATH—see Gypsophila.

BACHELOR'S BUTTON—see Centaurea.

BALLOON-FLOWER—see Platycodon,

BALSAM. (A) **LADY'S SLIPPER.** *Impatiens Balsamina.* (In color on page 11.)

1285 Double Bush-Flowering, Mixed. Basal-branching plants covered with double flowers. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

1276 BAPTISIA australis. (P) **FALSE INDIGO.** A hardy, July-flowering border plant growing 3 feet high with spikes of dark blue, pea-shaped flowers and bluish green leaves. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

BEGONIAS

The following types of begonias are happy in sun or partial shade. Dense plants about a foot high covered with flowers from May until frost. Also excellent as pot plants.

Begonia Semperflorens

1288 Christmas Cheer. Cherry-red.
1289 Christmas Pink. Bright pink.
1292 King of the Reds. Glowing scarlet; bronze-edged leaves.
1294 Ile de France. Plants smothered with pure white flowers.
1295 Indian Maid. Scarlet; brown foliage.
1298 Vernon. Blood-red flowers in profusion on 6-inch plants ideal for bedding.

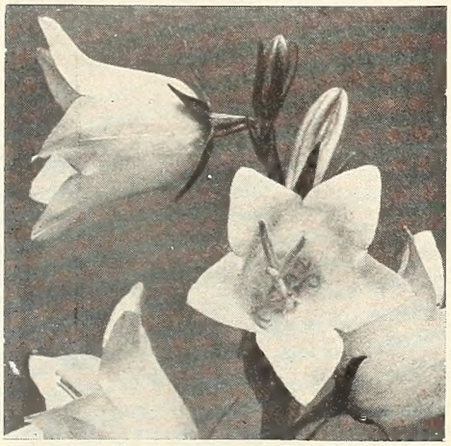
Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75

Begonia Gracilis

1300 Adeline. A dwarf bright pink.
1304 Luminosa compacta. A profuse scarlet-red reaching a height of only 5 inches.
1307 Pure White. Dwarf with green foliage.

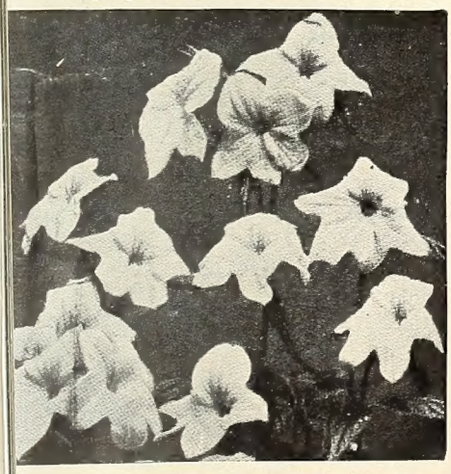
Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75

Calendula, Lemon Beauty



Campanula, Telham Beauty

Candytuft, Giant Hyacinth-flowered



Browallia speciosa major

BELLIS perennis. (P) **ENGLISH DAISY.** The short-stemmed, flat, double daisies are familiar as an edging for spring borders. Seed sown in early summer will flower next year. We offer an improved giant strain.

1315 Pink 1316 White 1318 Mixed

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

1319 Double Red Quilled. Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75.

1326 BROWALLIA speciosa major. (A) Large, violet-blue, tubular flowers on 12-inch plants during summer and fall. Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75.

CALCEOLARIA. (A) A conservatory plant sometimes used for bedding. The pouch-shaped flowers range in color from white and yellow to orange and maroon.

1329 Giant Strain. Developed in England for very large flowers. Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2.25.

CALENDULA (A) POT MARIGOLD

One of the easiest flowers to grow for a vivid splash of color in the annual border or for showy cut flowers.

1335 Campfire (Sensation). Large, flat, brilliant orange variety with scarlet sheen. The best calendula for forcing.

1368 Calendula Cut-Flower Mixture. All colors and types. Pkt. 15c; ¼oz. 60c; oz. $2.

Pacific Beauty Calendulas. By far the finest calendulas in cultivation. Bred for large flowers, refined form, long straight stems and clear color. Resistance to summer heat is one of the greatest attributes.

1345 Cream Beauty. Delicate creamy white shading to soft yellow.

1348 Lemon Beauty. Pure lemon-yellow with long, wide petals and well-filled centers.

1346 Mixed Beauty. All available colors.

Pkt. 15c; ¼oz. 50c; oz. $1.50

CALIFORNIA POPPY—see Eschscholtzia.

1380 CALLIOPSIS, All-Double Mixed. (A) Daisy-like flowers on long, wiry stems, broadened petals fluted or notched at edge. Select doubles in yellow, orange and mahogany. 2 to 2½ feet. Pkt. 15c; ¼oz. 35c; oz. $1.25.

CAMPANULA

Annual, perennial and biennial plants with bell-shaped flowers. A garden favorite for generations. Most of these campanulas can be grown in sun or partial shade.

Campanula Medium. (B) Bell-form, 1-inch flowers in June if seed is sown the previous summer. The seedlings should have winter protection Single varieties in separate colors:

1381 Dark Blue 1383 Rose
1382 Light Blue 1384 White
1387 Mixed

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

1388 Double Mixed Canterbury Bells. Sown indoors during February or March and transplanted to open ground after danger of frost, plants will bloom in September. Choice mixture only. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

Campanula Calycanthema. (B) **CUP-AND-SAUCER BELLS.** Big single flowers.

1393 Dark Blue 1395 Rose
1394 Light Blue 1396 White
1397 Mixed

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

1401 C. carpatica. (P) (R) A dwarf blue flowering on densely tufted plants 6 inches high from June to October. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

1407 C. persicifolia grandiflora, Telham Beauty. (P) Large blue flowers on 4-foot stems. Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75.

CANDYTUFT

Masses of fragrant flowers in flattened clusters on broad plants ideal for low border.

Annual Varieties

1418 Giant Hyacinth-Flowered. Very large, pure white flowers borne well above the foliage. 1½ feet. Pkt. 15c; 3 pkts. 40c; ¼oz. 60c; oz. $2.

1419 The Gem. A 4-inch miniature candytuft with quantities of white flowers. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

Mammoth-Flowered. A dwarf type 10 inches high, with large flowers that are showy for edging or bedding.

1423 Lavender 1422 Flesh-Pink
1428 Mixed

Pkt. 15c; 3 pkts. 40c; oz. $1

Perennial Varieties

Beautiful with May-flowering tulips, and valuable for rock or wall gardens.

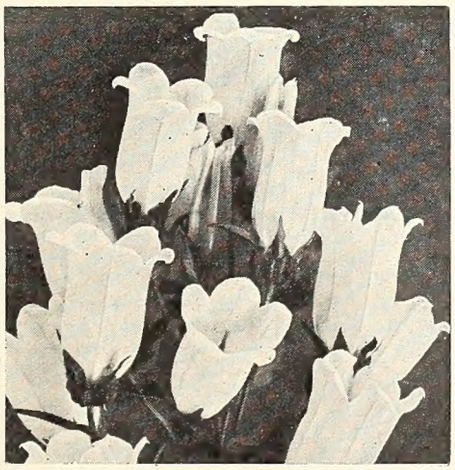
1429 Iberis gibraltarica. White, shaded pink-purple.

1430 I. sempervirens. Strong-growing, with large heads of white flowers. 15 inches. **Pkt. 25c; 3 pkts. 60c; ¼oz. $1.**

CANTERBURY BELLS—see Campanula.

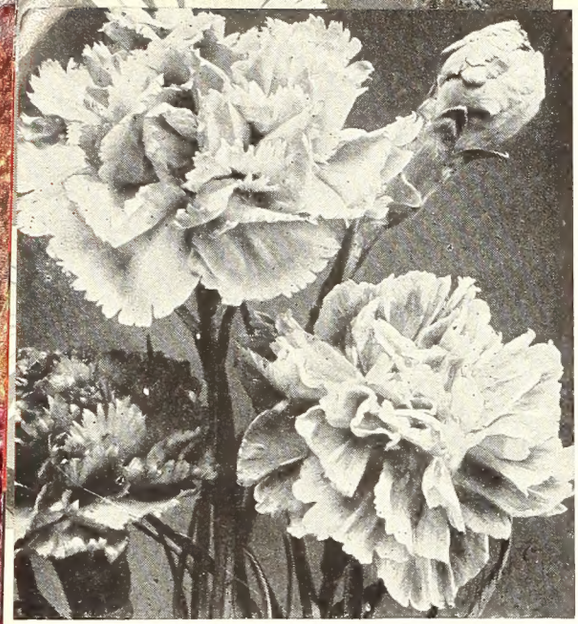
1432 CARDINAL CLIMBER. (A) A dainty climber with finely cut foliage and hundreds of cardinal-red flowers. To 30 feet. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

CARDINAL FLOWER—see Lobelia.



Campanula Medium

Bellis perennis



Carnation, Marguerite Mixed

Celosia, Gilbert's Maple Gold

Centaurea or Bachelor's Button

CARNATIONS

Annual varieties should be started indoors and transplanted when 2 inches high.

Enfant de Nice. (A) Superb giant carnations 2½ to 3 inches across, fully double, with wavy petals and long, strong stems

1433 Red **1437 White**
1434 Rose **1440 Mixed**

Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75

Giant Double King or Chabaud. (A) The large, sweetly perfumed flowers are produced from seed in five months and should be allowed to develop only one flower to a stem.

1441 Maroon **1444 Rose**
1442 Pink **1445 White**
1443 Red **1449 Mixed** **1446 Yellow**

Pkt. 25c; 3 pkts. 60c; ¼oz. $1.50

● **COLLECTION 2943: Pkt. each of 6 colors $1.15**

1460 Marguerite Mixed. A delightful assortment of small, mostly double and fringed flowers. In bloom from August to frost. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

Dwarf Grenadin. (P) Early, large, double flowers on 14-inch plants.

1452 Scarlet **1454 Yellow**
1453 White **1457 Mixed**

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

1518 CERASTIUM tomentosum. (P) (R) **SNOW-IN-SUMMER.** A dwarf, creeping plant forming dense mats, with silver foliage and myriads of tiny white flowers in June. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

CELOSIA (A) COCKSCOMB

Cristata Type

The heavy, velour-textured heads are spectacular and have inspired some very novel flower arrangements.

Gilbert's Prize-Winning Strain. Plants grow 3 to 4 feet high and must be pinched when young to induce branching. The long-stemmed flowers are ruffled and globular, measuring 8 to 14 inches across.

1486 Gilbert's Rose Beauty. Bright rose-pink on a silver base.

1484 Gilbert's Maple Gold. Round pink heads, each ruffled segment tipped brilliant gold.

1485 Gilbert's Green Gold. A combination of gold and a delightful shade of green.

Pkt. 25c; 3 pkts. 70c

1480 Crimson King. Blood-red
1483 Dwarf Mixed.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

Plumosa Type

Celosia Plumosa. FEATHERED COCKSCOMB. Familiar, bright-colored plumes in contrast to richly colored foliage. Frequently dried for winter bouquets. 2 feet.

1465 Crimson **1466 Yellow**
1467 Mixed

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

1473 C. Thompsoni Magnifica, Improved Strain Mixed. Feathery, pyramidal plumes in magnificent shades. 2½ feet. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

CENTAUREA

One of the easiest annuals for the amateur, adding color in the garden over a long period and furnishing many cut flowers.

Centaurea Cyanus. CORNFLOWER or BACHELOR'S BUTTON. Three-foot plant with large, double flowers.

1489 Black Boy (Maroon) **1492 Red Boy**
1490 Blue Boy **1493 Snow Man**
1491 Pinkie **1497 Mixed**

Pkt. 15c; ¼oz. 35c; oz. $1.25

●**COLLECTION 2944: Pkt. each of 5 colors 60c.**

1511 C. montana. (P) **PERENNIAL CORNFLOWER.** Large violet flowers from July to September. 2 feet. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

1545 CHEIRANTHUS Allioni. (P) **SIBERIAN WALLFLOWER.** The bright orange flowers will bloom in May and June if seed is planted early in March. Plants a foot high Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

CHRYSANTHEMUMS

Annual varieties flower for many weeks when sown early in spring.

1533 Single Mixed Chrysanthemums. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c; oz. $1.50.

1537 Korean Hybrids. (P) Bushy plants produce quantities of single flowers in many colors. 2 feet. Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2.25.

CINERARIA. Daisy-like flowers grown in the North under glass and started early from seed for spring and summer flowering in the South. Colors include the rich reds, blues and violets of stained-glass windows.

1550 California Super Giants, Mixed. A prize strain with an abundance of 1 to 1½-inch flowers. Pkt. 75c; 3 pkts. $2.

1554 Cremer's Prize Strain. Large flowers with overlapping petals in many rich colors. Resistant to wilt. Pkt. $1.50; 3 pkts. $4.

1565 CLARKIA elegans, Double Mixed. Soft rose, pink and white effectively blended Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

1569 COBAEA scandens. (A) **CUP AND SAUCER VINE.** Large, bell-shaped, purple flowers on vines growing 30 to 50 feet and clinging to any rough surface. Seed should be started indoors in February and March. Pkt. 20c; 3 pkts. 50c; 6 pkts 90c.

CLEOME (A) SPIDER FLOWER

1567 Helen Campbell. An outstanding new pure white cleome to add border interest. Plants set a foot apart in a bed form a solid mass of green beneath the flowers.

Pkt. 20c; 3 pkts. 50c; ¼oz. $1

COCKSCOMB—see Celosia.

COLUMBINE—see Aquilegia.

1577 COREOPSIS grandiflora, Double Sunburst. Bright golden yellow, 3-inch flowers in profusion. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

CORNFLOWER—see Centaurea.

COSMOS (A)

Another annual of easiest culture valuable for its graceful habit and long flowering season.

1619 Fiesta. (In color page 2.) The Top AAS Award Winner for 1952. Pkt. 20c; 3 pkts. 50c; 6 pkts. 90c.

Sensation Cosmos. A new early single strain with exceptional size and color—often 4 to 5 inches across, with fluted petals. Flowers may be expected in 10 weeks Four feet unless noted otherwise.

1592 Crimson Sensation.
1593 Pinkie.
1594 Purity (White).
1596 Single Mixed.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

1603 Sensation, Double Mixed. Spectacular. Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75.

1585 Early Dwarf Crested, Mixed Beauty. Unusually large, early flowers on 2½ to 3-foot plants. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

Late Tall Single Cosmos. Late-blooming varieties with large flowers on 5-foot plants.

1610 Lady Lenox White **1613 Mixed**

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

Cynoglossum, FIRMAMENT

Aster MIDSEASON GIANTS

(shown at the right)

Asters are among the most satisfactory cut flowers you can grow. These Midseason Giants with 6-inch flowers on long stems are at the top of the list for productivity. The 2-foot plants are low branched, and ample spacing (1½ to 2 feet) should be allowed for growth. Long grown by the market gardener, it proves equally dependable in the home garden either as a cut flower or for bedding. (See individual color descriptions listed at the lower right.)

Aster, PRINCESS

Excitingly new, bringing new form and color to one of the oldest and most popular of garden flowers. The deeply quilled petals form a tight cushion completely hiding the central disc even when fully opened. The flower stems average 12 inches; each plant produces 6 to 10 flowers, each measuring 3 to 3½ inches across. The harmonious colorings make them particularly well adapted to combining with other cut flowers and other types of asters in arrangements.

(Color description and prices below.)

Asters FOR CUTTING • FOR THE GARDEN

PRINCESS ASTERS

1213 PRINCESS ANNIE. Peach-blossom
1215 PRINCESS ELIZABETH. White.
1218 PRINCESS LINDA. Pure rose.
1217 PRINCESS MARSHA. Cinnabar-red.
1219 PRINCESS MARGARET. True rose.
1219A PRINCESS SUSAN. Clear deep blue.

Each: Pkt. 25c; 3 pkts. 60c; ¼oz. $1.00

Collection 2991: 6 pkts., one of each variety listed above **$1**

MIDSEASON GIANTS

Finest of the fancy asters, with 6-inch, fully double flowers on long stems ideal for cutting.

1226 Azure Blue
1229 Purple
1228 Rich Rose
1227 Lilac
1231 Shell-Pink
1232 White
1235 Mixed

Each: Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

Collection 2937: Pkt. each of 6 colors listed **$1**

BOTH COLLECTIONS: 12 pkts. $1.75

Salpiglossis, FINEST TALL MIXED

Ageratum, FAIRY PINK

Snapdragon, CRIMSON SUPER-GIANT

Popular

Here's a summer laden with color-adventure. Tall growers for the back of the border, mid-height for the middle and low growers for ground covers and edging . . . and not a color in the lot that doesn't harmonize! Armfuls of cut flowers from June to frost . . . color . . . glorious garden color to enjoy . . . to live with and to share with your friends. Other varieties and colors of most of these beauties are in the alphabetical listing. But . . . these are our choice for a Garden Sampler easy to grow.

2467 Salpiglossis, FINEST TALL MIXED. This flower specializes in unusual paisley-patterned flowers in unconventional color combinations including brown, gold, scarlet, yellow and violet streaked and stained with contrasting colors. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

1012 Ageratum, FAIRY PINK. Soft salmon-rose flowers blooming when the plants are quite small. Useful as a 5-inch border or in groups of several plants as low accents in the edge of the border. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

2162 Nicotiana, SENSATION MIXED. A wonderfully colorful new strain producing plants 2 to 2½ feet high, well branched and full of flowers staying open much longer than the older varieties. You'll find crimson, lavender, chartreuse, rose, pink and white in this mixture. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

Zinnia, FANTASY

COLLECTION 2993 All 10 Kind

Salvia, BLAZE OF FIRE

Nicotiana
SENSATION,
MIXED

Phlox,
DRUMMONDI,
TALL MIXED

ALL-COLOR ★ ALL-SEASON *Variety Collection*

2345 Phlox Drummondi, TALL MIXED. Much taller (15 inches) than the older types and much larger (1½ inches) florets. Colors include chamois-rose, scarlet, yellow, white, purple and a good variety of in-betweens. Pkt. 20c; 3 pkts. 50c; 6 pkts. 90c. (Collections of separate colors of *Phlox Drummondi* are described in the alphabetical listing.)

2513 Scabiosa, Pincushion-Flower, TALL VARIETIES MIXED. The large double mounded flowers on 3-foot plants include peach, rose, white, deep red, salmon, yellow, lavender, blue and orchid shades. Easy . . . so grow them generously for cutting and garden effect. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c. (Collections of separate colors of Scabiosa are described in the alphabetical listing.)

2410 Portulaca, DOUBLE MIXED. Here's a colorful ground cover for a sunny location. Plant in borders or patches where the satiny color-filled petals will gleam in the sun. They'll love it and you'll love them. Reds, yellows, whites, pinks and salmons. Too short to cut but so lovely where they are. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10. (Collections of separate colors of Portulaca are described in the alphabetical listing.)

1279 Balsam, CAMELLIA-FLOWERED. This favorite of your grandmother's garden has, like so many flowers, been brought up to date by the plant wizards. Sturdier, taller stems bear more and larger flowers close to the stems. Conversation pieces in the garden, they become even more so when, floated on water, they become table decorations. Spotted, blotched and self-colored flowers in shades of red, rose, pink, lavender, purple and white. Pkt. 15c; ¼oz. 50c; oz. $1.50.

2473 Salvia, BLAZE OF FIRE. The earliest salvia of all to bloom, it brings a brilliance to the all-summer garden supplied by no other plant. This particular variety covers its foot-high plants with a glowing vermilion-red. Plants should be started early indoors. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

2874 Zinnia, FANTASY. The curiously recurved and twisted petals are well represented in our illustration. Imagine almost any vivid or pastel color except green or blue and you will find it in this zinnia. The 2 to 3-foot plants of Fantasy are well branched, giving an abundance of long-lasting cut flowers. Pkt. 15c; ¼oz. 50c; oz $1.50. (Collections of Fantasy and other Zinnias are described in the alphabetical listing.)

1059 Snapdragon, CRIMSON SUPER-GIANT. Tall spikes (up to 3 feet) covered with large flowers for half their length characterize this splended garden variety. Seeds of all snapdragons must be started while the weather is cool (50° to 60°) to produce plants which bloom satisfactorily . . . and this lovely rust-resistant variety is no exception. So start it early and enjoy it in the house and in the garden. Pkt. 25c; 3 pkts. 60c; ⅛oz. $1.

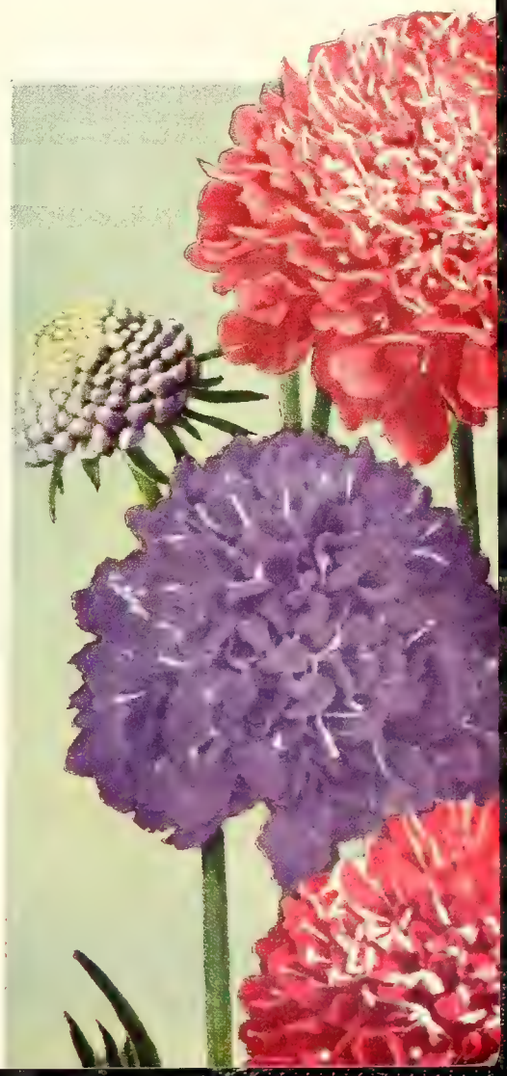
More than 300 sq. ft. of Beauty $1.50

DON'T FORGET: Other varieties are described in the alphabetical listing.

Balsam, DOUBLE CAMELLIA-FLOWERED, MIXED

Scabiosa, TALL VARIETIES

Portulaca, DOUBLE MIXED



Grow these for CUTTING

CINERARIA,
California Super-Giants

GIANT *Dahlia-Flowered* ZINNIAS

Mammoth 6-inch flowers borne profusely on 3-foot plants. Fine tested and proven favorites.

2814 CANARY BIRD. Clear yellow.
2820 EXQUISITE. Light rose.
2828 WILL ROGERS. Bright scarlet.
2817 DREAM. Deep lavender-blue.
2815 CRIMSON MONARCH. Crimson.
2823 ORIOLE. (Not shown.) Orange and gold.

Pkt. 15c; 3 pkts. 40c; ¼oz. 60c; oz. $2

COLLECTION 2972: All 6 for 60c

Dwarf MARIGOLDS

(Below, left to right)

2066 SCARLET GLOW. Quantities of 2-inch, fiery red, compact flowers on bushy, foot-high plants. Pkt. 15c; ¼oz. 50c; oz. $1.50.

2085 NAUGHTY MARIETTA. Flat, single flowers 2½ inches across of rich golden yellow blotched with velvety maroon at the base of each petal. Pkt. 15c; ¼oz. 50c; oz. $1.50.

2064 DWARF DOUBLE HARMONY MIXTURE. Double scabiosa-like flower (as shown) in orange, yellow and mahogany. Pkt. 15c; ¼oz. 50c; oz. $1.50.

Collection 2989: 1 pkt. ea. of 3 for **40c**

Whether you are a "formal" arranger or like tussy-mussies, you'll have armloads of gorgeous long-lasting cut flowers from early summer to killing frost if you grow a selection from the following list.

Varieties indicated by an asterisk (*) are excellent subjects to dry for colorful all-winter bouquets if cut before the flowers are fully opened and hung upside down to dry in a dark, dry, cool place.

Achillea
Aconitum
Acroclinium*
Amaranthus*
Anchusa
Antirrhinum
Aquilegia
Arctotis
Asters
Baptisia
Calendula
Carnations
Celosia
Centaurea
Chrysanthemums
Coreopsis
Cosmos
Cynoglossum
Dahlias
Delphinium
Dianthus
Didiscus
Echinops*
Eschscholtzia
Foxglove
Gaillardia
Gerbera
Geum
Globe Amaranth*
Gypsophila*
Honesty*
Larkspur
Liatris
Lupine
Marigolds
Nicotiana
Petunias
Physalis*
Platycodon
Pyrethrum
Salpiglossis
Salvia
Scabiosa
Shasta Daisy
Statice*
Stocks
Sunflower
Sweet Peas
Sweet William
Tithonia
Tritoma
Verbena
Veronica
Zinnias
*Some Varieties

CYCLAMEN. A 15-month period is required between seed sowing and maturity.
1635 Mixed Colors. 10 seeds 75c; 50 seeds $3; 100 seeds $5.

DAHLIAS

Dwarf dahlias are grown from seed started in early spring. Flowers may be expected in four months and will continue for many weeks.
1639 Coltness Hybrids, Mixed. An excellent mixture of colors and all single flowers. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.
1642 Dwarf Bedding, Mixed. Fine mixture of doubles and semi-doubles in many colors. Pkt. 35c; 3 pkts. 90c; ¼oz. $1.25.
1638 Tall Cactus, Mixed. Seed carefully selected from fine plants with cactus-type flowers. Pkt. $1; 3 pkts. $2.75.
1641 Giant Exhibition, Mixed. Recommended as seed that will produce the largest and best varieties. Pkt. $2; 3 pkts. $5.50.

DAISY, AFRICAN—see Arctotis.
DAISY, ENGLISH—see Bellis.
DAISY, PAINTED—see Pyrethrum.
DAISY, TRANSVAAL—see Gerbera.

DELPHINIUM (P)

Tall 5 to 6-foot spikes produce heavy masses of interesting florets in rich purples and blues, whites and lavenders. Delphinium is at its height from June to August, but sends up smaller flowering spikes later in the season. Seed should be planted in spring or early summer to flower the following year.

Giant Pacific Hybrids. Unquestionably the finest strain of hybrid delphinium in cultivation, developed to produce huge, well-proportioned, vigorous spikes on plants resistant to mildew.
1657 Astolat Series. Assorted colors from pale blush through all shades of lilac-pink to deep raspberry-rose. Pkt. $1.50; 3 pkts. $4.
1646 Black Knight Series. The darkest violet. Florets are 2½ to 3 inches across, with velvety texture and luminous color, emphasized by black bee centers.
1647 Blue Bird Series. Clear medium blue with white bees. 2½-inch flowers on long, graceful spikes. A new standard in blues.
1648 Blue Jay Series. Medium to dark blue, intense, and alive, with dark bee.
1649 Cameliard Series. Clear lavender self with white bee. Florets average 3 inches.
1651 Galahad Series. Large, clear white flowers with glistening, heavy texture.
1652 Guinevere Series. A clear pink-lavender self with white bee.
1653 King Arthur Series. Royal purple with velvety texture and large white bee.
1654 Summer Skies Series. Bright heavenly blue and contrasting white bees.
1658 Lancelot Series. Clear lavender self with white bee.
1655 Round Table Series. A blend of superior Pacific Hybrids, including many beautiful colors not yet under series names.

Pkt. $1; 3 pkts. $2.75; 6 pkts. $5

1660 Mixed Pacific Hybrids. A mixture of varieties in the standard Pacific Hybrid Series. Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2.25.
1645 Gold Medal Hybrids. A fine selection of large delphiniums in a variety of colors. Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75.
1661 Delphinium Belladonna. Long-flowering, turquoise-blue flowers in 5-foot spikes. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.
1662 D. Bellamosum Improved. A darker blue similar in habit to Cliveden Beauty. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.
1663 Cliveden Beauty. An improved Belladonna with large, bright blue flowers. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.
1668 D. chinense, Blue Butterfly. Gentian-blue flowers on plants with many flower spikes and finely divided leaves. 1½ feet. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

DIANTHUS — PINKS

Their sweet, spicy fragrance and delicate form make them great favorites everywhere.
1677 Dianthus chinensis. (A) **CHINA PINK.** Plants 9 to 12 inches tall, with double flowers. Mixed colors. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.
1702 D. plumarius, Single Mixed. (P) Plants with grass-like foliage producing an abundance of very fragrant flowers with fringed petals. White to bright scarlet. 12 inches. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.
1703 D. plumarius, Double Mixed. (P) Double form of *D. plumarius* in a superb mixture of colors, many flowers being spotted and variegated. Pkt. 20c; 3 pkts. 50c; 6 pkts. 90c.

1714 DIDISCUS caerulea. (A) **Queen Anne's Lace.** Three-inch, umbrella-shaped clusters of sky-blue flowers on 2-foot plants. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

1727 DIMORPHOTHECA aurantiaca Hybrids. (A) **CAPE MARIGOLD.** Single flowers ranging from white through yellow and salmon to orange. Sow seed in the open. 1 to 1½ feet. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

FOXGLOVE (B) DIGITALIS

For planting in partial shade through a border or along the edge of woodland, foxgloves add a stately grace and in such a situation are unsurpassed by any tall perennials. At their best in June and July. 4 to 5 feet.

1721 Giant Shirley, Mixed. Tall, bold spikes in colors from pure white to dark rose.
1720 Gloxiniaeflora, Mixed. Beautiful gloxinia-like flowers in an assortment of colors.

Pkt. 15c; 3 pkts. 40c; ¼oz. 60c

1734 DORONICUM caucasicum. (P) **LEOPARDSBANE.** Gay, yellow, daisy-like flowers 3 inches across during May and June. 8 inches. Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75.

1740 ECHINOPS Ritro. (P) **GLOBE THISTLE.** Three feet high with round heads of fine steel-blue flowers in July. For border interest and decorative arrangements. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

1762 ESCHSCHOLTZIA, Choice Mixed. (A) **CALIFORNIA POPPY.** One of the easiest annuals to grow. Colors from white through yellow to deep orange and include salmon and rose shades. 9 to 12 inches.
1752 Golden West. Flowers of intense shining yellow, some with orange blotches

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

1763 EUPHORBIA variegata. (A) **SNOW-ON-THE-MOUNTAIN.** A 2-foot, bushy plant with light green foliage edged white. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

FLAX—see Linum.

FORGET-ME-NOT (P) (R) MYOSOTIS

An ideal plant for the foreground of a border. Free branching growth averaging a foot or less in height.
2118 Myosotis alpestris, Royal Blue. Vivid violet-blue. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.
2120 M. alpestris, Victoria Blue. Bushy plants 8 inches high, with indigo-blue flowers. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.
2119 M. semperflorens. Everblooming forget-me-not. Large, clear blue flowers. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

1769 FOUR-O'CLOCK. (A) **MARVEL OF PERU.** *Mirabilis Jalapa.* One of the hardiest annuals for difficult city conditions and tolerant of some shade. An abundance of red, yellow or white flowers open in cloudy weather or in late afternoon. A fine mixture. 2 to 3 feet. Pkt. 15c; 3 pkts. 40c; 6 pkts 75c.
1789 GERANIUM. *Pelargonium domesticum.* The familiar house and bedding plant. Growing our mixture of colors from seed is a fascinating project. Reds, crimsons, pinks and whites included. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

GAILLARDIA — BLANKET-FLOWER

1774 Indian Chief. (A) Single, bronze-red. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.
1776 G. Lorenziana, Double-Flowering Gaiety. (A) Crimson, garnet, lemon and orange-colored gaillardias with full round heads made up of thickly clustered florets. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10
1779 Giant Hybrids, Mixed. (P) Large-sized flowers in all the rich yellows, oranges and dusky reds of hardy varieties. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

1791 GERBERA Jamesoni Hybrids. (P) **TRANSVAAL DAISIES.** A greenhouse subject in the northern United States. Including soft red, cerise, salmon, orange, yellow and white. Pkt. 50c; 3 pkts $1.25; 6 pkts. $2.25.
1805 GLOBE AMARANTH, Mixed. *Gomphrena globosa.* (A) A long-flowering, annual with flowers resembling clovers, which are dried for arrangements. 18 inches high. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

GLOBE THISTLE—see Echinops.

1831 GOURDS, Mixed. (In color on page 18.) Pkt. 15c; 3 pkts. 40c; oz. 60c.

Hollyhock, Indian Spring

Helichrysum, Mixed

Echinops Ritro

GEUM. (P) Vivid semi-double or double flowers with yellow centers, adding brilliance to a border from May to October. 18 inches.
1793 Lady Stratheden. A large, semi-double golden yellow. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.
1794 Mrs. Bradshaw. Flashing orange-scarlet. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.
1795 Orange Queen. Double orange favored for cutting as well as for a choice border plant. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

GYPSOPHILA. BABY'S BREATH. For a soft, misty effect either in the garden or with other cut flowers, it has no equal.
1832 Gypsophila elegans grandiflora alba, Paris Market. (A) A large-flowering white. 1½ feet. Pkt. 15c; 3 pkts. 40c; oz. 75c.
1837 G. paniculata. (P) White flowers the first year from seed sown early in spring. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

1865 HELICHRYSUM, Mixed. (A) **STRAWFLOWER.** A lavish display of crisp, rustling, double flowers in a wide variety of sparkling colors from seed sown early and transplanted to the border in May. The best flower for color in winter bouquets. 2½ feet. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

HELIOTROPE (A)

1869 Pacific Giant. Enormous clusters of small, deep lavender flowers heavy with sweet fragrance above rich green leaves. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.
1868 Lemoine's Giant Mixed. (A) Fragrant, lavender and white flower clusters on husky plants. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

HOLLYHOCKS (P)

The 5 to 9 foot spikes of the hollyhock have for centuries been a garden favorite.

1895 Indian Spring. By early spring planting, flowers may be produced the same year. Semi-double and double flowers in shades of pink. 5 feet. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.
Chater's Superb Doubles. Magnificent tall spires in individual and mixed colors.

1886 Newport Pink	**1885 Deep Rose**
1888 Salmon-Rose	**1887 Pure White**
1890 Sulphur-Yellow	**1889 Scarlet**

1893 Double Mixed

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

1894 Superb Single Mixed. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

1898 HONESTY. *Lunaria annua.* (P) For hundreds of years honesty has been grown in gardens both for the white and purple flowers and for the novel seed pods, which are circular and transparent like very thin parchment. The pods are dried and used for winter bouquets. Plants should be started in May to flower the following year. 2 feet. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

IBERIS—see Candytuft.
1908 IMPATIENS Sultani Hybrids. (A) Two-foot plants bearing 1½-inch bright carmine flowers. Ideal for partially shaded beds or window boxes.
1905 I. Holsti Hybrids, Mixed. (A) Three-foot plants bearing a profusion of 1¾-inch, flowers in orange. red, pink and white.

Pkt. 20c; ½oz. 60c; oz. $1

IPOMOEA (A) MORNING-GLORY

The world's favorite annual climber, covering trellises, arbors or fences with delicate beauty and sporting huge, colorful flowers throughout the summer and fall.

1918 Mixed Imperial. Famous Emperor morning-glories with large flowers and a variety of exquisite colors. Pkt. 15c; 3 pkts. 40c; oz 75c.
1920 Darling. A wine-colored variety similar to Scarlett O'Hara, with showy white centers. Pkt. 25c; ½oz. 75c; oz. $1.25.
1916 MOONFLOWER. *Ipomoea mexicana alba.* When accent is on a terrace planting for evening enjoyment, moonflowers should be featured, for they are showiest at night. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

1928 KOCHIA Childsi. (A) **MEXICAN FIREBUSH.** A broad, pyramidal annual with dense, feathery, light green foliage, changing to crimson in September. Seed should be started early indoors. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.
LANTERN PLANT—see Physalis.

LARKSPUR (A)

Larkspurs are among the easiest annuals to grow. Sowing seed as early as the soil can be worked in spring is recommended in the North. Farther south, seed is best sown in the fall to flower the following summer.

Giant Imperial Larkspurs. Plants of giant proportions with heavy spikes of huge florets.

1930 *Blue Spire	**1935 Pink King**
1931 *Deep Carmine King Improved	
1932 *Exquisite Pink Improved	
1936 *Sweet Lavender	
1937 *White King	**1940 Mixed**

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

● **COLLECTION 2956: Pkt. each 5 marked * 60c.**

1960 LATHYRUS, Mixed. (P) **HARDY SWEET PEA.** Although lacking fragrance, hardy sweet peas are very satisfactory. The heavy vines offer quantities of flowers in varied colors during July. Survives cold winters. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.
1964 LAVENDER, Munstead Strain. (P) Fragrant, lavender flowers on thin, 12-inch spikes throughout July and August. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

Delphinium, Pacific Hybrids

1983 LINARIA, Northern Lights. (A) **TOADFLAX.** Dainty flowers like tiny snapdragons. Many bright colors included in a charming mixture. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c
1987 LINUM perenne. (P) **FLAX.** Masses of broad-petaled, wide-open, single flowers, sky-blue in color. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

LOBELIA. One of the very best compact dwarf border plants, covered with flowers for weeks. Seed should be sown in flats and transplanted. Height 6 inches.
1990 Cambridge Blue. (P) Light sky-blue. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.
1992 Crystal Palace. (A) Deep blue flowers and dark foliage. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.
1991 Lobelia cardinalis. (P) **CARDINAL FLOWER.** Brilliant scarlet flowers closely set along the upper part of 2 to 4-foot stems. Grown in sun or shade, but must have moist soil. Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75.
LOVE-IN-A-MIST—see Nigella.

LUPINE

Annual lupines should be planted where they are to flower. Soil should be slightly acid.

2016 Russell Lupines. (P) A sensational strain of exceptionally large size, in a beautiful blend of striking combinations and self-colors. Height varies from 1½ to 5 feet. Pkt. 25c; 3 pkts. 60c; ¼oz. $1.

Perennial Polyphyllus Lupines. Five-foot plants with large, dark green leaves and bearing huge flowering stems in June.

2009 Blue Shades 2010 Golden Spire 2015 Mixed Hybrids

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

2007 Annual King Mixed. Three-foot plants flowering in many interesting colors. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

MARIGOLDS (A)

One of the very best annuals for a border or for bedding because of its fine form, brilliant color and very long season of flowering. To insure a long season of bloom the seed should be started indoors and transplanted to permanent beds after danger of frost.

2025 All-Double Lemon. Large, double, globular blooms. 2½ feet.

2026 All-Double Orange. An orange version of the above variety.

2029 All-Double Mixed.

Pkt. 15c; 3 pkts. 40c; ¼oz. 75c

2033 Sunset Giants. Colorful, brilliant yellow and orange flowers on large plants. Pkt. 15c; 3 pkts. 40c; ¼oz. 60c.

Foxglove, Giant Shirley

Gerbera, Jamesoni Hybrids

2048 Limelight. Clear primrose-yellow variety with a suggestion of pale green 2¾ inches across. Grows 20 inches high. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

2036 Pot O'Gold. A 15-inch beauty with large, globular flowers 4 inches across and deep orange-gold in color. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

Two Famous (AAS) Marigolds

2049 Mammoth Mum. Large, chrysanthemum-shaped, lemon-yellow flowers 4 inches or more across on long stems. Plants grow to 3 feet. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

2030 Crown of Gold. Bright golden orange, 2½-inch flowers with short, quilled petals at the center, surrounded by broad flat petals. Foliage is practically odorless. 2½ feet. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

Carnation-Flowered Marigolds

The type most valuable for cutting and very fine for bedding. Wide, wavy petals are characteristic of the type.

2056 Yellow Supreme. (In color on page 4.) Pkt. 20c; ¼oz. 50c; oz. $1.50.

2057 Guinea Gold. (In color on page 4.) Pkt. 20c; ¼oz. 50c; oz. $1.50.

2059 Primrose. Large, primrose-yellow flowers 3½ inches across, with rolled petals. Pkt. 15c; ¼oz. 35c; oz. $1.25.

2060 Frills. An odorless variety with very frilly waved petals and beautiful form. The color is golden orange. Flowers 3½ inches across on 2-foot plants. Pkt. 15c; ¼oz. 35c; oz. $1.25.

2038 Real Gold. Gorgeous golden orange with a brilliant sheen. Well-grown plants have 4½-inch, very double flowers and are about 2 feet high—an ideal bedding size. Pkt. 15c; ¼oz. 35c; oz. $1.25.

French (AAS) Dwarf Doubles

2066 Scarlet Glow. (In color on page 12.) Pkt. 15c; ¼oz. 50c; oz. $1.50.

2067 Spry. (In color on page 4.) Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

2064 Dwarf Double Harmony Mixture. (In color on page 12.) Scabiosa-type flowers in colors including orange, yellow and mahogany make these a rich addition to mixed borders. Robust, 12 to 14-inch plants. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

2079 Dwarf Double Mixed. Dwarf French marigolds in varying colors and forms. Pkt. 15c; ¼oz. 50c; oz. $1.50.

French Marigold Singles

2083 Flash. An exciting display of brilliant flowers 1¾ inches across, produced on bushy, 18-inch plants. Flower colors range from vivid red to bronze and yellow Pkt. 15c; ¼oz. 35c; oz. $1.25.

Dianthus plumarius, Double and Single

2085 Naughty Marietta. (In color on page 12.) Pkt. 15c; ¼oz. 50c; oz. $1.50.

2739 Signet Marigold. *Tagetes signata pumila.* Hundreds of small, single yellow flowers with deep red blotches at petal bases are borne over a long period on broad plants 9 inches tall. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

MARVEL OF PERU—see Four-o'Clock.

2097 MATHIOLA bicornis. (A) **EVENING-SCENTED STOCK.** Spikes of very fragrant, lilac flowers a foot high. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

MECONOPSIS—see Poppy of Tibet.

MEXICAN FIREBUSH—see Kochia.

MIGNONETTE. *Reseda odorata.* (A) Small, fragrant florets in broad, irregular spikes

2104 Allen's Defiance. Long-flowering spikes densely massed with creamy florets.

2106 Red Monarch. Flower stalks 6 to 8 inches high and 2½ inches in diameter filled with reddish florets ½ inch across.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

MONKSHOOD. (P) *Aconitum.* A basic perennial for border composition, succeeding in sun or partial shade. Very hardy.

1005 Aconitum Wilsoni. September and October borders should always feature this monkshood. The deep blue flowers, shaped like Trojan helmets, are borne on tall, 6-foot spikes. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

1006 A. Napellus. Shorter spikes 3 to 5 feet high, with deep blue flowers in June. Pkt. 20c; 3 pkts. 50c; 6 pkts. 90c.

MOONFLOWER—see Ipomoea.

MORNING-GLORIES—see Ipomoea.

MYOSOTIS—see Forget-me-not.

NASTURTIUMS (A)

The amateur can be confident of success when he plants a bed of gay nasturtiums. The spicy perfume is distinctive and pleasant, the flower form intricate and graceful.

Semi-Dwarf or Gleam (In color on page 18)

● **COLLECTION 2959: Pkt. each of 6 colors 75c.**

Tom Thumb Bedding

2144 Large-Flowered Dwarf Single Mixed. Pkt. 15c; oz. 40c; ¼lb. $1.25.

Dwarf or Globe Nasturtiums

Compact runnerless plants produce quantities of double, fragrant flowers. 12 inches.

2125 Golden Globe
2126 Mahogany Globe
2127 Orange Globe
2128 Ruby Globe
2129 Scarlet Globe
2130 Dwarf Globe Mixture

Pkt. 15c; oz. 40c; ¼lb. $1.25

● **COLLECTION 2958: Pkt. each of 5 colors 60c.**

California Poppy

Linum perenne

Lupinus polyphyllus

Tall or Climbing Single

2145 Large-Flowered Tall Single Mixed. Plants have runners 6 to 10 feet long and are ideal for training on a trellis or where they can hang down over the edge of a stone retaining wall. Pkt. 15c; oz. 40c; ¼lb. $1.25.

2163 NIEREMBERGIA, Purple Robe. (A) Great quantities of deep purple flowers 1¼ inches across for a very long period. Seed should be started very early indoors and transplanted to the border Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75.

2165 NIGELLA, Miss Jekyll. (A) **LOVE-IN-A-MIST.** Many delicate double flowers snuggled into a mist of finely cut foliage. 2 feet. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

NICOTIANA. (A) **FLOWERING TOBACCO.** Tall stems of nicotiana with their tubular flowering, so deliciously fragrant in the evening, are indispensable.

2157 Nicotiana affinis. Glistening white flowers 3 inches across on 2 to 3-foot stems.

2159 N. affinis. Crimson Bedder. Compact plants 20 inches high.

2158 N. affinis Hybrids, Mixed. Pink, red and white flowers in abundance.

2161 Daylight. A highly recommended novelty, the sparkling white flowers remaining open all day, even in the bright sunshine.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

2162 Sensation, Mixed. (In color on page 11.) Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

PANSIES (B)

Plants are best grown as biennials—started in summer to bloom the following year

2187 Pastoral Giants Mixed. Very large flowers in a wide variety of colors, borne on strong stems well above the foliage. Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2.25.

2177 Super Pastoral Giants, Mixed. A superb strain of fancy pansies that develop vigorous roots enabling plants to withstand heat. Pkt. $1; 3 pkts. $2.75; 6 pkts. $5

2192 Mixed Bedding Pansies (Trimardeau). A very satisfactory and colorful mixture. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

2195 Coronation Gold. The flowers are canary-yellow, flushed orange. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

Swiss Giant or Roggli's Hybrids. Plants are very robust, with large, heavy-textured flowers on strong stems.

2190 Swiss Giants, Mixed. Large blooms in many unusual shades.

2197 Mammoth Butterfly. A superior selection of giant-flowering varieties in a wonderful blend of the choicest colors.

Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75; ⅛oz. $2.50

Nierembergia, Purple Robe

Nigella

Primula veris

PETUNIAS

All-Double Petunia

2235 Rose Marie. A profusion of very double rose-pink flowers 3 inches across on 18-inch plants. Pkt. $1; 3 pkts. $2.75.

Giant Single Fringed Petunias

15 inches high, with 3 to 5-inch flowers

2206 Theodosia. Large flowers of soft rose color with a golden throat, boldly veined
2207 Violacea. Velvety violet-blue
2208 White Beauty. Clear, crisp white.
2215 Single Fringed Mixed, Fluffy Ruffles. (In color on page 4.)

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

2260 Double Fringed Mixed. A splendid mixture including double, semi-double and a few single flowers—all large and fringed, in a wide range of colors. Pkt. 60c; 3 pkts. $1.60; 6 pkts. $3.

Giant Single Plain Edged

2219 Elk's Pride. Dark purple.
2217 Dwarf Elk's Pride. More compact.
2222 White Cloud. Large pure white

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

2221 Snowstorm Improved. A very popular glistening white petunia, substantial in texture The throat is suffused with yellow Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

Ruffled Petunias

2266 Crimson Glory. Huge crimson flowers 4 to 5 inches across, ruffled and fluted. Pkt. 50c; 3 pkts. $1.25; 6 pkts $2.
2262 Dwarf Giants of California. Superior large, ruffled petunias with heavily veined throats. Excellent for bedding. Compact and vigorous. Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75.
2264 Garden Giants, Mixed. Large plants with 4-inch, ruffled blooms in a wonderful range of color. Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2.

Single Balcony, Plain Edged

The preferred type of petunia for borders, beds or window boxes where spreading or cascading plant habit is desired.

2277 Blue	**2280 Rose**
2278 Crimson	**2281 White**
2279 Purple	**2282 Mixed**

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

● **COLLECTION 2962: Pkt. each of 5 colors $1.**

Iceland Poppy

Pan-American Petunias

2322 Ballerina. An exciting shade of glowing salmon. Flowers are single, 3½ to 4 inches across, with an extended lower lip and fringed edges. Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2.

Pan-American All-Double Varieties

2243 Caprice. Shaped like a large powder-puff, Caprice has very frilly edges and bright rose color, light on the other side.
2244 Nocturne. Deep, rich velvety purple. Broad outer petals and smaller petals toward the center lend a distinctive character.
2245 Minuet. Soft lavender with rose veination at the base of petals. Large, well-fringed flowers on vigorous, dwarf plants.
2246 Sonata. An exquisite white, slightly greenish in the middle, with center petals that stand up straight, giving flowers a desirable mounded shape.
2247 Glorious Mixed. Pan-American strain of dwarf plants with giant fringed flowers in a luscious mixture of well-balanced colors.

All-Double varieties, pkt. $1

Dwarf Bedding (9 to 12 inches)

2310 Cream Star. Good-sized, cream-white flowers with an inner star of darker cream color. Compact plants. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.
2313 Glow. Quantities of carmine flowers Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.
2314 Silver Blue. A rich light blue. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.
2315 Rose of Heaven. Brilliant rose color that is darker than Rosy Morn. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c; ¼oz. $1.25.
2316 Rosy Morn. Clear rose-pink with a white throat. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c; ¼oz. $1.25.
2272 Miniature Mixed Gems. Globe-shaped plants 6 to 8 inches high with 2-inch flowers having broad pointed petals. Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75.

Single Bedding (15 inches)

2294 Blue Bedder. Rich royal blue. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.
2311 English Violet. Rich violet-blue. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.
2306 Bedding Mixed. Excellent mixture of colors. Pkt. 15c; 3 pkts. 40c; ¼oz. 85c.

PINKS—see Dianthus.

QUEEN ANNE'S LACE—see Didiscus.

THREE GIANTS. *Phlox Drummondi gigantea.*
2334 Red Glory. Brilliant red flowers 1½ inches across; cream eye. Height 18 inches.
2336 Salmon Glory. Large, white-centered, salmon-pink. 10 inches.
2333 Art Shades. Flowers 1½ inches across, in a variety of pastel colors. 9 inches.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

Other Tall Varieties. (In color on page 11.) Fifteen-inch, free-flowering plants offered in individual colors and in a mixture.

2340 Chamois-Rose	**2343 White**
2341 Scarlet	**2344 Yellow**
2342 Purple	**2345 Tall Mixed**

Pkt. 20c; 3 pkts. 50c; 6 pkts. 90c

● **COLLECTION 2963: Pkt. each of 5 colors 85c.**

2356 Dwarf Mixed. *Phlox Drummondi nana compacta.* Many colors in large-flowering, dwarf varieties growing 6 inches high. Pkt. 20c; 3 pkts. 50c; 6 pkts. 90c.
2360 Hardy Phlox, Beltsville Beauty. (P) Development of a phlox which will flower the following spring from seed sown in the fall is a great achievement. A superb mixture including a wide variety of interesting colors, mostly large-flowering. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

2362 PHYSALIS Francheti. (P) **CHINESE LANTERN PLANT.** Grown for the light orange, decorative seed receptacles like miniature oriental lanterns. The 2-foot plants bloom the first year if sown early. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

POPPIES

Annual Varieties

2374 American Legion. Large, single, orange-scarlet flowers.
2375 Sweet Briar. Fluted petals in double formation make up large, graceful, wild-rose-pink flowers.
2378 Single Shirley, Mixed. A beautiful mixture of this favorite annual.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

2379 DOUBLE SHIRLEY, MIXED. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

Perennial Varieties

ORIENTAL POPPY. *Papaver orientale.* Seed sown in spring will bloom the following year. Flowers are very large and are at their best in May and June. 4 feet.

2384 Scarlet	**2390 Mixed**

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

ICELAND POPPY. *Papaver nudicaule.* The Iceland poppies will bloom the first year if sown early in the spring.
2392 Sanford's Giant Strain, Mixed. Large flowers in a wide range of bold and pastel shades are borne on long, strong stems a foot high. Pkt. 20c; 3 pkts. 50c; 6 pkts. 90c.

POPPY, CALIFORNIA—see Eschscholtzia.

PORTULACA. (In color on page 11.)

2404 Double Pink **2406 Double White**
2405 Double Scarlet **2407 Double Yellow**
2410 Double Mixed

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

● **COLLECTION 2983: Pkt. each of 4 colors 75c.**

2411 Single Portulaca grandiflora, Choice Mixed. Pkt. 15c; ¼oz. 50c; oz. $1.75.

PRIMROSES

2414 PRIMULA elatior, Mixed. (P) **OXLIP.** Umbels of flowers on 10-inch stems. Colors from white through yellow to wall-flower-red. April. Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75.
2340 P. obconica gigantea, Mixed. (A) An improved strain with flowers often measuring 2 inches across. June. Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2.
2452 P. veris, Mixed. (P) **COWSLIP.** Yellow flowers in April and May. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.
2453 P. vulgaris. (P) **ENGLISH PRIMROSE.** Canary-yellow, fragrant flowers. June. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

2367 PLATYCODON gr.-fl. (P) **BALLOON-FLOWER.** Adaptable to partial shade. The balloon-shaped buds pop apart into cup-shaped flowers of deep blue. May to October. 2 feet. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

PYRETHRUM. (P) **PAINTED DAISY.** Daisy-form flowers on stiff stems with finely cut foliage. June.
2455 Double Hybrids. An excellent strain. Pink, salmon-scarlet and pure white flowers.
2456 Single Hybrids. Good for cutting.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

SALPIGLOSSIS. PAINTED TONGUE. (In color on page 10.)
2467 Finest Tall Mixed. The so-called orchid-flowering type. 3 feet.
2468 Dwarf Giant-flowering Mixed.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

Platycodon

Nicotiana, Daylight

Oriental Poppy

"Collection A"— Most Popular Annuals

Alyssum, Little Gem
Aster, Midseason, Gt. Azure-Blue
Candytuft, Hyacinth-flowered, White
Cornflower, Blue Boy
Hunnemannia (Yellow Tulip Poppy)
Larkspur, Blue Spire
Mignonette, Allen's Defiance
Nasturtium, Large-flowered Dwarf
Phlox, Tall, Mixed
Salpiglossis, Tall, Mixed
Shirley Poppy, Single, Mixed
Zinnia, Dahlia-flowered, Mixed

12 packets $1

Pyrethrum

Sweet William, Tall Single

Torenia

SALVIA (A) SAGE

Showy annuals or graceful perennials. Seed of annuals must be started early indoors.

2472 America or Globe of Fire. Bushy 24-inch plants, with 9-inch scarlet spikes.
2479 Salvia splendens. SCARLET SAGE. Bright scarlet, showy flowers. 2½ to 3 feet.
2474 Bonfire. Compact, full plants with dark green foliage. Many upright, fiery spikes 2½ feet high.
2473 Blaze of Fire. (In color on page 10.)

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

2489 S. farinacea. Many long, thin racemes of dusty blue flowers. 2½ feet. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.
2488 Blue Bedder. Compact plants 3 feet high with quantities of deeper blue flowers. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.
The Welwyn Salvias. The unusual colors are always popular. Plant are 3 feet high, yielding great numbers of flowers.

2480 Pink **2483 Purple**
2484 Lavender **2485 Maroon**
2481 White

Pkt. 50c; 3 pkts. $1.35

SCABIOSA. PINCUSHION - FLOWER. (In color on page 11.)

Tall Varieties

AAS **2498 *Blue Moon.** Large, double, cone-shaped flowers 2¾ inches across; deep lavender-blue.
2500 Loveliness. Fragrant flowers in shades of soft rose, on long stems.
2501 Orchid Shades, Mixed. Colors from light pink through deep pink to mauve.

2502 Peach Blossom **2503 *Rich Red**
2504 *Rosette. Rose. **2507 *Yellow**
2506 *Shasta. White. **2513 Tall Mixed**
2499 *Black Knight

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

● **COLLECTION 2965: Pkt. each of 6 colors marked * 75c.**

Perennial Varieties

2520 Giant Hybrids, Mixed. Isaac House Strain. Large flowers on long stems, in shades of blue, purple and white. 3 feet. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

SCHIZANTHUS. (A) A fragile flower of irregular form with notched petals and distinctive blotching. Grown mostly as a greenhouse crop.
2524 Giant-Flowering Hybrids, Mixed. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

SHASTA DAISY. *Chrysanthemum maximum.* (P) Beautiful white daisies useful for forcing, for border subjects or for cutting.
1538 Alaska. Five-inch flowers with broad, overlapping petals. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c; oz. $1.50.
1542 G. Marconi (Double White). A new, long-flowering variety with 5-inch daisies. Stems 2½ feet high are not unusual. Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2.

SNAPDRAGON—see Antirrhinum.

SNOW-ON-THE-MOUNTAIN — see Euphorbia.

SPIDER-FLOWER—see Cleome.

STATICE. (A) **SEA-LAVENDER.** Long flower sprays used in dried arrangements.
2537 Mixed. Including blue, rose and yellow. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

SWEET PEAS (A)

Seed is sown as soon as the soil is workable in the spring. A trench is dug a foot wide and a foot deep and filled with rotted stable manure and soil in equal parts. Seed is sown ¾ inch deep and 2 inches apart and seedlings thinned to 6 inches. Four-foot support should be provided.

Outdoor Spencers, Summer-Flowering

2593 Affection. Coral-pink on cream.
2594 Ambition. A large lavender.
2596 Bonnie Ruffles. Beautiful duplexed pink.
2597 Capri. Finest light blue.
2599 Chinese Blue. Large, deep blue self.
2600 Crony. Robust golden salmon.
2603 Golden Dragon. Orange-shaded duplex
2605 Grandeur. Long-flowering pink on white.
2606 Mastercream. Frilled and duplexed cream.
2608 Model. Large, wavy-petaled white.
2611 Prolific. Rose-pink.
2617 Welcome. Brilliant scarlet.

Pkt. 15c; oz. 50c; ¼lb. $1.75

● **COLLECTION 2970: Pkt. each of above 12 varieties $1.50.**

2635 Grand Prize Mixed. A splendid blend of summer Spencers. Pkt. 15c; oz. 35c; ¼lb. $1.25.
Cuthbertson Sweet Peas. Superior for resistance to the heat which has prevented growing where high temperatures in early spring burn standard varieties. Flowers are large, long-stemmed, very fragrant and earlier than summer-flowering Spencers. The vigorous vines do well under glass or outside.

2636 Coline. Scarlet.
2637 Danny. Navy-blue.
2638 David. Rose-crimson.
2639 Evelyn. Creamy pink.
2640 Frank G. Lavender.
2642 Hazel. Light blue.
2643 Janet. White.
2645 Kenneth. Deep crimson.
2646 Lois. Rose on white.
2647 Liza. Maroon.
2648 Marion. Cream.
2649 Tommy. Blue
2651 Mixed.

Pkt. 15c; oz. 50c; ¼lb. $1.75

●**COLLECTION 2969: Pkt. each of above 12 varieties $1.50.**

Greenhouse Spencers. A winter-flowering type on dwarf vines, grown mostly under glass. Sown outside for very early crops in the North and during the fall for winter flowers in the South.
2722 Winter Flowering, Mixed. Pkt. 15c; 3 pkts. 40c; oz. 75c.

STOCKS

Grown as a greenhouse crop or in the annual border. The showy, fragrant spikes are very valuable for cutting

Early Giant Imperial. A fine branching type, flowering quickly and continuing through the summer. 2½ feet.

2549 Antique Copper. **2556 Elk's Pride.**
2551 Blood-Red. Purple.
2552 Buttercup. **2557 Lavender.**
2553 Chamois-Rose. **2558 Shasta.**
2555 Deep Rose. White.
2564 Mixed.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

Columnar Type—Non-Branching. Developed primarily for greenhouse growing. Large spikes of mostly double flowers. 3 feet.

2565 American Beauty. **2566 Ball Blue.**
2570 Gardenia. **2571 Lilac.**
2573 Pure White. **2574 Ruby.**
2575 Silvery Lilac. **2576 Yellow Wonder.**
2582 Mixed.

Pkt. 75c; 3 pkts. $2; 6 pkts. $3.50

2563 Colossal Ten Weeks, Mixed. Long spikes of double, fragrant flowers 2½ feet high. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.
2590 ALPINE STRAWBERRY, Baron Solemacher. Delicious red berries 12 weeks after seed is sown. Moist shade. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

STRAWFLOWER—see Helichrysum.

SWEET WILLIAM (B) DIANTHUS BARBATUS

Small flowers in dense rounded heads on stiff stems. Plants are ideal for bedding or in the border foreground. Seed must be sown in spring to bloom the following year.

Tall Single Varieties (To 1½ feet)

2723 White **2729 Holborn Glory.**
2730 Newport Pink White eyed.
2731 Scarlet Beauty **2727 Mixed**

Pkt. 15c; 3 pkts. 40c; ¼oz. 60c

2728 Tall Double Mixed. Pkt. 20c; 3 pkts. 50c; ¼oz. 75c.

Dwarf Mixed Varieties. (To 9 inches.)
2735 Single **2736 Double**

Pkt. 15c; 3 pkts. 40c; ¼oz. $1

2737 Annual Sweet William, Mixed. Freely flowering the first year from seed started indoors in March. 9 inches. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

Schizanthus

Vinca rosea

Statice

Stock, Ten Weeks, Mixed

SUNFLOWER (A) HELIANTHUS

1851 Sungold. Improved double, cushion-like flower heads 4 to 5 inches across. 5 feet. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

1849 Cut-and-Come-Again. Single yellow flowers with maroon centers, 3 to 4 inches across, on plants 3 to 4 feet high. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

1840 Gigantic Russian. Enormous 9-foot sunflowers. Oz. 15c; ¼lb. 30c; lb. $1.

1852 Red and Gold (Gaillardia Flowered). Plants 7 to 9 feet high with 4 to 5-inch flowers, golden yellow mostly with a red zone. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

THRIFT—see Armeria.

TOADFLAX—see Linaria.

TOBACCO, Flowering—see Nicotiana.

2750 TORENIA Fournieri. (A) **WISHBONE-FLOWER.** Quantities of sky-blue, single flowers with broad yellow petals and yellow centers on compact plants. 12 inches. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

2751 TRITOMA, Mixed Hybrids. (P) **RED-HOT POKER.** A brilliant bulbous plant that can be grown from seed. Winter protection is required. Pkt. 20c; 3 pkts. 50c; 6 pkts. 90c.

VERBENA

Standard Types. (In color on page 17.)

2763 Annapolis Blue. A superb mixture of blues with 3-inch clusters of flowers and foot-high stems.

2765 Crimson Glow. Fine crimson.

2768 *Lavender Glory. Lavender to light lavender with cream center.

2769 *Royale. Royal blue, primrose eye.

2770 *Salmon-Pink.

2771 *Spectrum Red Dazzling color.

2772 *White King. Sparkling white.

2773 Mixed.

Pkt. 25c; 3 pkts. 60c; ¼oz. $1

● **COLLECTION 2971: Pkt. each 5 marked * $1.**

Bush Type

Varieties in this group make a uniform border of 10-inch, flat-topped plants over a foot across and bear mammoth flower heads.

2778 Firelight. Scarlet.

2777A Roselight. Rose.

2780 Snow-White.

2775 Starlight. Intense blue, cream eye.

2776 Miniature Mixed.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

Scabiosa, Tall Mixed

2779 Verbena venosa. (P) The foot-high plants produce great masses of purple flowers all through the summer and fall. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

2781 VERONICA spicata. (P) **SPEEDWELL.** A valuable border plant bearing spikes of blue flowers on 2-foot plants from July to September. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

VINCA rosea. (A) **PERIWINKLE.** Another annual that will tolerate partial shade. Produces single flowers in abundance for many weeks. Seeds should be sown inside during March for flowers from July on.

2783 Pure White **2784 Rose**
2785 White, Rose Eye **2788 Mixed**

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

VIOLA (P)

Small-Flowering

Small-flowered pansies with a long, profuse blooming period.

2789 Blue Gem (Jersey Gem). Violet-blue. About 70% come true. 4 inches high.

2790 Viola lutea splendens. Yellow.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

2800 V. tricolor, Mixed. (P) **JOHNNY-JUMP-UPS.** Tiny pansies not much larger than violets, with alert, elfish expressions. Pkt. 20c; 3 pkts. 50c; 6 pkts. 90c.

2802 V. odorata, The Czar. (P) **SWEET VIOLET.** Deep violet, large and fragrant. Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75.

Large-Flowering

2793 Arkwright Ruby. Terra-cotta on crimson. Fragrant.

2795 Blue Perfection. Plants almost hidden by medium, clear blue flowers.

2796 Chantreyland. Beautiful apricot.

2801 Finest Mixed.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

2803 VIRGINIA STOCK, Mixed. *Malcomia maritima.* (A) Plants a foot high, with loose spikes of single flowers in fresh colors. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

WALLFLOWER (P)

Cheiranthus Cheiri

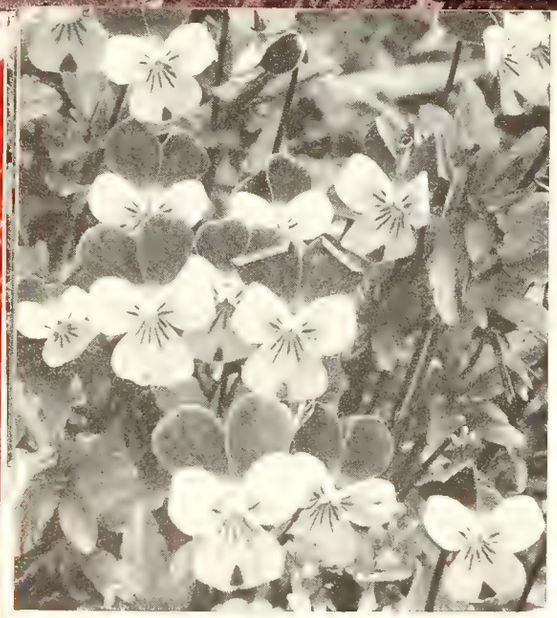
Small, stock-like flower spikes, yellow, orange or mahogany in color. Plants are best started in early fall and carried over winter in cold-frames for early spring flowering.

2812 Large-Flowered Single Mixed. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

2811 Large-Flowered Double Mixed. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

WALLFLOWER, Siberian—see Cheiranthus.

Primula obconica



Viola or Johnny-Jump-Up

Wallflower

Zinnia, Burpee Hybrid

ZINNIAS

The most colorful of all annuals, available in giant or tiny edging varieties, in intense dazzling shades or soft pastels

Giant Double Dahlia-Flowered. (In color on page 12.) Mammoth flowers average 6 inches across by 3 or 4 inches in depth, similar in shape to the decorative dahlia. 3 feet.

2814 *Canary Bird. Clear yellow.
2815 *Crimson Monarch. Crimson.
2817 *Dream. Deep lavender-blue.
2818 Eldorado. Salmon-apricot.
2819 Golden Century. Golden orange and salmon.
2820 *Exquisite. Light rose.
2821 Golden Dawn. Golden yellow.
2823 *Oriole. Orange and gold.
2824 Polar Bear. Large, pure white.
2826 Royal Purple. Rich regal purple
2828 *Will Rogers. Bright scarlet.

Pkt. 15c; ¼oz. 60c; oz. $2

2829 Mixed. Pkt. 15c; ¼oz. 50c; oz. $1.50.

● **COLLECTION 2972: Pkt. each of 6 marked * 60c.**

Sunflower, Sungold

Mammoth California Giants. Plants grow 3 feet, and the double flat blooms often average 6 inches in diameter.

2837 Brightness. Bright pink.
2838 Cherry Queen. Cherry-rose.
2839 Enchantress. Rose, deeper center.
2841 Golden Queen. Lemon-orange.
2842 *Miss Wilmott. Soft pink.
2843 *Orange Queen. Golden orange.
2845 Orange King. Burnt-orange.
2846 *Purity. Pure white
2847 *Rose Queen. Bright rose.
2849 Salmon Queen. Salmon-apricot.
2850 *Scarlet Gem.
2851 *Violet Queen.

Pkt. 15c; ¼oz. 50c; oz. $1.50

2854 Mixed. Pkt. 15c; ¼oz. 35c; oz. $1.25.

● **COLLECTION 2973: Pkt. each of 6 marked * 75c.**

2835 Burpee Hybrid Zinnia. (Pictured at left.) The loveliest zinnia in the world and of enormous size—larger even than the Dahlia-flowered type. Flowers are ruffled, with graceful, curved petals like those of a giant chrysanthemum, in a thrilling mixture of clear and blended colors. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10.

Fantasy Zinnias. (In color on page 10.)

2868 Wildfire. Scarlet. **2865 Orange Lady.**
2869 White Light. **2866 Rosalie.** Rose.
2867 Stardust. Gold.

Pkt. 20c; ¼oz. 60c; oz. $2

● **COLLECTION 2974: Pkt. each of 5 colors 75c.**

2874 Fantasy, Mixed. Pkt. 15c; ¼oz 50c; oz. $1.50.

Dwarf Double. Intermediate-sized. dahlia-type flowers on dwarf plants 18 inches high

2855 Canary-Yellow **2859 Scarlet**
2857 Golden Orange **2861 White**
2856 Crimson **2862 Pinkie**
2858 Salmon-Rose **2864 Mixed**
2860 Spun Gold

Pkt. 15c; ¼oz. 35c; oz. $1.25

Midget or Gem Zinnias. Flowers are small, compact and symmetrical on strong-stemmed plants to 2 feet high.

2875 *Canary Gem **2880 *Salmon Gem**
2876 *Crimson Gem **2881 *Scarlet Gem**
2877 *Golden Gem **2883 White Gem**
2879 *Pink Gem **2886 Gem Mixed**

Pkt. 15c; ¼oz. 60c; oz. $2

● **COLLECTION 2975: Pkt. each of 6 marked * 75c.**

2888 Black Ruby Has 1¼-inch blooms on long stems; color is a deep, velvety maroon. Very striking. 15 to 18 inches. Pkt. 15c; ¼oz. 50c; oz. $1.50.

Viola lutea splendens

Flower Seed MIXTURES

2900

Cut-Flower Mixture

Over 50 of the most valuable annuals for cutting, in a mixed packet. Pkt. 25c; 3 pkts. 60c; oz. $1.

2896 ***Wild-Flower Mixture***

Seeds of native plants. No garden hybrids. Pkt. 15c; oz. 60c; ¼lb. $2; lb. $7.50.

2898 ***Rock-Garden Mixture***

Dwarf flowers, annual and perennial, for the rock garden. Mix seed with fine soil, an ounce to a pailful, and broadcast freely. Pkt. 25c; 3 pkts. 60c; oz. $1; ¼lb. $3.50.

Colorful • Long-Flowering VERBENAS

Verbenas are excellent as fillers in the front of the perennial border, as ground covers under roses and as bedding plants. Wide-open flowers are borne in a profusion of tight clusters throughout the summer. The following varieties have been selected from our alphabetical listing.

2770 SALMON-PINK
2771 SPECTRUM RED
2772 WHITE KING
2768 LAVENDER GLORY
2769 ROYALE

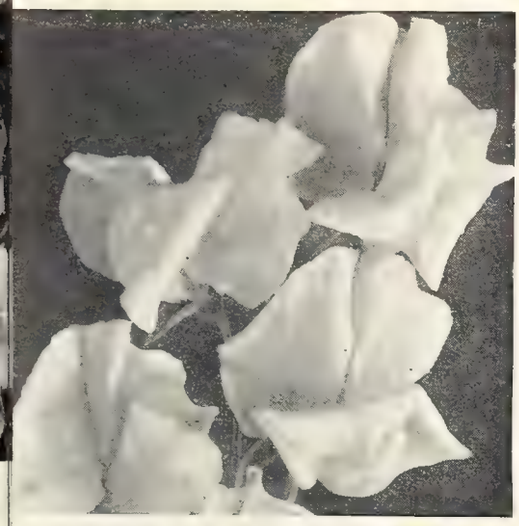
Pkt. 25c; 3 pkts. 60c

Collection 2791: 1 each of these 5 for $1

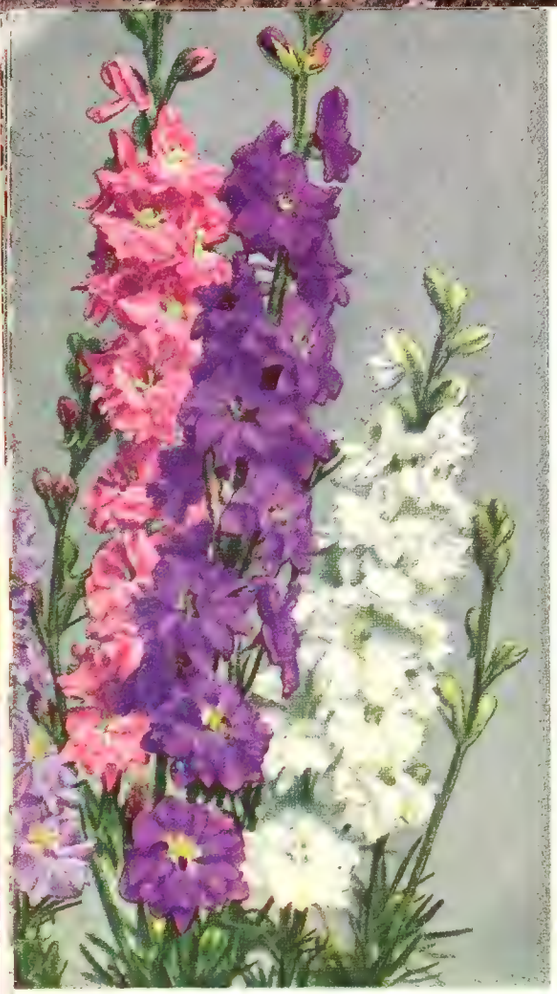
2889 LILLIPUT PASTEL SHADES. Little ball-shaped blooms. Apricot-peach, cream, shell-pink, salmon, rose and orchid. 1 foot. Pkt. 15c; ¼oz. 50c; oz. $1.50.

2887 CUPID ZINNIAS, Mixed. Compact plants, less than 1 foot high, covered with tiny, button-like flowers. Excellent for edges. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.

2830 **ZINNIA LINEARIS.** Growing 10 inches high and spreading 2 feet, the plants are covered with medium-sized, single, daisy-like, golden orange flowers six weeks after sowing. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c.



CUTHBERTSON SWEET PEAS



Larkspur, SUPREME

2138 Nasturtium, SCARLET GLEAM

LARKSPUR, *Supreme*

Excellent for cutting. This new strain has vigorous base-branching plants with a central spike 4 to 5 feet tall. Colors are clear and radiant.

1943 DARK BLUE
1944 LILAC
1945 PINK SUPREME
1946 WHITE
1948 ROSE
1949 SALMON
1947 MIXED

Pkt. 20c; 3 pkts. 50c; ¼oz. 75c

Collection 2985: 6 separate colors **$1**

2138 *Nasturtium* SCARLET GLEAM

Double sweet-scented flowers of rich glowing scarlet on bushy plants with short runners; ideal for window boxes or the front of the garden border. Available also in Golden Gleam (2134), Mahogany Gleam (2135), Moon Gleam, pale yellow (2136), Orange Gleam (2137), Salmon Gleam (2139) Pkt. 15c; oz. 40c; ¼lb. $1.25.

Collection 2959: Pkt. each of 6 colors **75c**

MORNING-GLORIES

No other annual vines have won so firm a place in the gardener's heart as these climbers. Grown on a trellis, clambering over a stone wall or fence or providing a quick, inexpensive screen against unsightliness, they are equally effective. These three new ones have larger flowers and stay open longer.

1914 SCARLETT O'HARA. The 3½-inch, glowing carmine flowers borne on vigorous, well-foliaged vines became an All-America Selection several years ago. Pkt. 20c; ½oz. 60c; oz. $1.

1913 PEARLY GATES. The showiest of all climbing annuals with white flowers. The 4-inch blooms are most effective against deep colors. Pkt. 20c; ½oz. 60c; oz. $1.

1912 HEAVENLY BLUE. The gorgeous clear blue flowers with white throats are dramatic. Pkt. 20c; ½oz. 60c; oz. $1.

Collection 2955: Pkt. each of the 3 colors **50c**

MORNING-GLORIES. Scarlett O'Hara, Heavenly Blue, (Bottom), Pearly Gates

1831 *Gourds,* MIXED

Climbing plants with large, orange or white flowers followed by curiously shaped fruits. Dried and finished with either shellac (shiny finish) or floor wax (satiny finish), they are effective for long-lasting bowl or swag decorations. Pkt. 15c; 3 pkts. 40c; oz. 60c.

Gourds, MIXED

8 Pages of SUMMER FLOWERING BULBS

RED BARN *Colorful* DAHLIAS

ONE EACH OF FIVE VARIETIES **$4.50**

YELLOW QUEEN
D-DAY, Pink
LAVENDER QUEEN
MONARCH, Red
WHITE BEAUTY

See pages 22-23 for descriptions.

HARDY AMARYLLIS

Hardy AMARYLLIS (upper left)

Not so well known as it should be, this hardy amaryllis when well established develops into large patches of vibrant lavender-pink in those late summer days when garden color is most needed. The deep green, strap-like leaves grow rapidly in the early spring and disappear in July. In August the 2 to 3-foot flower spikes appear, developing clusters of 8 to 12 large, lilac-pink flowers which last for a comparatively long time. Botanically it is listed under two named, *Amaryllis Hallii* and *Lycoris squamigera*. The crown of these hardy bulbs should be planted in a rich humusy soil and covered to a depth of 4 inches where they may remain and increase from year to year. 60c each; 10 for $5.

Ismene PERUVIAN DAFFODIL

Delicately fragrant, huge white flowers with chartreuse centers borne on heavy stalks. Bulbs should be planted in May or early June about 18 inches apart to allow for the heavy growth of broad, strap-like leaves. Store in sand or a dark, cool place during the winter. 50c each; 10 for $4.50; 25 for $10.

Caladium FANCY-LEAVED

Exotic plants for terrace or for use in those partially shaded spots where summer-long color is needed. Bulbs should be started indoors in 6-inch pots which are later plunged in the ground for the most effective display. Sold in well-assorted mixture of popular colors. 35c each; 10 for $3; 25 for $7.

Acidanthera Murieliae

ABYSSINIAN SWORD-LILY, EXOTICA, etc.

The increasing popularity of this summer-flowering bulb is indicated by the rash of new names under which it is being offered. Resembling a species gladiolus, the refined spikes of white florets with throat marked maroon and pink are ideal for cutting. Plants 3½ feet tall, blooming in August and September. 25c each; 10 for $2.25; 25 for $5.

Zephyranthes FAIRY LILY

Grassy foliage with large, starry, rose-colored flowers blooming all summer. Plant in May or June. They are also effective when grown in decorative pots for use in portable gardening. Store during the winter the same as gladiolus. *Zephyranthes candida* . . a pure white form . . is also available at the same prices. 10 for $1.50; 25 for $3; 100 for $10.

Tigridia

The jewel-like flowers are very unusual and have a wide range of markings and colors including white, rose, yellow and scarlet. Shallow (1 inch over the crown) planting is recommended. Store for winter as with gladiolus. Mixed colors. 10 for 85c; 25 for $2; 100 for $7.50.

The TUBEROUS BEGONIAS *on the Cover*

The fact that these gorgeously colorful plants can not only be grown but prefer to grow in the shade, coupled with the recent attention given them by the plant breeders, has gained for them an enthusiastic acceptance by home gardeners. The interesting foliage (see front cover) is a perfect foil for their summer-long beauty. They are easy to grow (complete cultural instructions with every order), but to get the longest possible flowering period from them they should be started early. . . . January is not too early, although they may be started later with good results. Use them freely as borders in the shaded garden, in window boxes or grown in beds in a shady spot.

The familiar Camellia type is shown on the cover. On page 59 we show several newer and more unusual types in what is probably the broadest listing in the country. If you have never grown them, we hope you will enjoy their great beauty this year on our recommendation.

Camellia-Flowered TUBEROUS BEGONIAS

Blooming for a long period and filling a bed with large double flowers, this type of begonia will make a show you can justly be very proud of. We offer a fine selection of bulbs in beautiful colors:

Apricot	**Pink**	**Crimson**
Scarlet	**White**	**Mixed**
	Yellow	

Each 35c; 10 for $3; 25 for $7; 100 for $25

• COLLECTION

OUR SELECTION OF 5 BULBS IN 5 COLORS $1.50

ANEMONE coronaria. Showy white, blue and scarlet flowers resembling poppies. Excellent for cutting. 10 for 75c; 25 for $1.75; 100 for $6.25.

CALADIUM. ELEPHANT'S EAR. Bold foliage plant for large accents. Leaves often 4 feet long.

JUMBO BULBS, 40c each; 10 for $3.50; 25 for $8.

MAMMOTH BULBS, 30c each; 10 for $2.25; 25 for $5.

PINK CALLA. *Z. Rehmanni.* A dwarf calla with leaves the same color as the above variety and rose-pink flowers. 60c each; 10 for $5; 25 for $10.

CANNA. (In color on page 26.) Their tropical-appearing foliage and brilliant flowers make a wonderful show until frost.

City of Portland. Deep pink.

King Humbert. Very large, bright orange-scarlet flowers. Bronze foliage. 5 feet.

Richard Wallace. Vivid yellow. Green foliage. 5 feet.

The President. Immense, 7-inch flowers of rich, glowing scarlet. Foliage deep green.

Yellow Humbert. Bright yellow gaily flecked with red. Green foliage. 5 feet.

20c each; 10 for $1.60; 25 for $3.80; 100 for $13

HYACINTHUS candicans. GIANT SUMMER HYACINTH. A vigorous plant producing spikes of small, bell-shaped flowers that are white and fragrant. Choice bulbs, 10 for $1.50; 25 for $3.25.

LILIES

Auratum. Golden Lily of Japan. Majestic, 3 to 6-foot stalks bearing up to 20 or more 8 to 10-inch, fragrant flowers conspicuously marked with gold. 75c each; 3 for $2; 10 for $6.50; 25 for $15.50.

Bellingham Hybrids. Six-foot pyramidal clusters with up to 20 gracefully reflexed flowers ranging in color from yellow through orange to bright red. 50c each; 10 for $4.25; 25 for $9; 100 for $30.

Fiesta Hybrids. Colors vary from bright yellow through orange to dark rich red. 80c each; 10 for $7; 25 for $15; 100 for $50.

Formosanum. (Late Strain.) Delicately perfumed, pure white within and suffused wine-purple outside. Free flowering. 40c each; 10 for $3.75; 25 for $8.75.

Henryi. Often as many as 20 reflexed flowers on a wiry, 6-foot stem. The color is orange with dark spots. July, August. 50c each; 10 for $4.50; 25 for $10.

Longiflorum Estate. Hardy Easter Lily. (In color on page 26.)

Olympic Hybrids. Immense, fragrant trumpets on 6 to 8-foot stems. White inside; outside color from green to pinkish purple. 60c each; 10 for $5.25; 25 for $12.25.

Regale. Royal Lily. Up to 25 large, trumpet-shaped, fragrant blooms on a 4 to 6-foot stem. Flowers are white, of heavy texture, sulphur-yellow in the throat and rose-purple on the outside.

FIRST SIZE, 35c each; 10 for $3; 25 for $6.50; 100 for $22.50.

MAMMOTH, 40c each; 10 for $3.50; 25 for $7.50; 100 for $27.50.

JUMBO, 50c each; 10 for $4.25; 25 for $9.50; 100 for $35.

MONSTER, 75c each; 10 for $6.50; 25 for $15; 100 for $50.

Speciosum Rubrum. Rubrum Lily. (In color on page 26.)

Tenuifolium. Coral Lily. A dwarf lily growing 1 to 1½ feet tall. The fragrant, reflexed blooms have the texture of sealing wax and are bright scarlet. 30c each; 10 for $2.25; 25 for $5.25.

Tigrinum Splendens. Tiger Lily. Flowers are rich salmon-red, boldly spotted with purplish black, the petals stiffly recurved. 4 to 5 feet. 25c each; 10 for $1.75; 25 for $4.

Tigrinum Splendens Flore-Pleno. Double Tiger Lily. Handsomer than the species and blooming a little later. 30c each; 10 for $2.25; 25 for $5.25.

Umbellatum Grandiflorum Erectum. Stems 1½ to 2 feet high bear upright, orange-scarlet flowers. 30c each; 10 for $2.50; 25 for $5.75.

Umbellatum, Golden Fleece. The yellow form of the above. 60c each; 10 for $5; 25 for $10.

Lily-of-the-Valley. Ideal for a shady corner. Deliciously fragrant flowers and broad shiny leaves. 10 for 75c; 25 for $1.75; 100 for $6.

MONTBRETIA. The showy flowers bloom from June until September and are very valuable for borders and for cutting.

Apricot Queen. A rich golden apricot, early and growing to 3 feet.

Comet. Golden orange with a broad band of deep crimson and a yellow center.

His Majesty. The large flowers are deep velvety scarlet shading to gold. 4 feet.

James Coey. Large flowers of rich vermilion suffused with golden orange, on 3-foot stems.

Lily-of-the-Valley

Lady Wilson. Light, bright yellow flowers suffused with orange. 3½ feet.

Red Knight. Rich vermilion shaded to gold and overlaid with maroon. 3 feet.

3 for 75c; 10 for $1.75; 25 for $4

MONTBRETIA, OTHER VARIETIES

California. Deep golden yellow. **Fire King.** Glowing scarlet. **Talisman.** Deep orange. **Transcendent.** Orange-scarlet. **Jewel Mixture.** Includes yellow, orange, apricot and scarlet, with many blotched flowers.

3 for 50c; 10 for $1.25; 25 for $2.75

OXALIS. American Shamrock. Pink flowers and clover-like leaves during the summer Useful for the front of a border, for hanging baskets or window boxes. 10 for 45c; 25 for $1; 100 for $3.50.

RANUNCULUS, Tecolote Mixed. BUTTERCUP. Giant double flowers in orange, red. yellow and pink. Bulbs should be planted prongs down in May. 10 for $1; 25 for $2.25; 100 for $8.

TUBEROSE.

Single Mexican. Single white. **10 for $1.25;** 25 for $3; 100 for $11.

Dahlia, Arthur Godfrey

Dahlias

★ EASY TO GROW
★ PROFUSE BLOOM
★ RICH COLOR

Garden Full of Dahlias

COLLECTION OF GIANT DOUBLE VARIETIES $5

LIST VALUE $13.65

All are named varieties . . . all are clearly tagged. An exceptional purchase enables us to offer the assortment of giant double dahlias in an excellent range of color and form, at a great saving. Think of getting all the following wonderful varieties for such a low, low price: Dr Kenneth Taylor, Florist's Beauty, Commando, Gaylord Ballay, Jersey's Beauty, Deuil Du Roi Albert, Kentucky Sportsman, Mrs. R G. Atkinson, Ogden Reid, Sherwood's Peach, Yellow Queen and Watchung Giant. A bargain with our recommendation

COLLECTION OF MIXED EXHIBITION DAHLIAS

ALL GIANT DOUBLES

Our selection of first-rate varieties in an excellent range of colors— all giant double varieties, including at least one from the dollar price group and at least one two-color novelty not yet on the market.

ASSORTMENT OF SIX UNNAMED EXHIBITION DAHLIAS $2.75
Minimum List Value $3.50 COLLECTION PRICE

ASSORTMENT OF TWELVE UNNAMED EXHIBITION VARIETIES $4
Minimum List Value $7 COLLECTION PRICE

Dahlia, Bishop of Llandaff

FORMAL DECORATIVE

Arthur Godfrey. Introduced in 1951. Flowers 12 inches across, on 4-foot plants. A beautiful oriental red with orange or buff shading. One of the largest formal decoratives grown and winner of many awards. Very vigorous. $6.50 each; 3 for $18.50.

Bob White. Huge, pure white flowers with full, deep petal formation, borne freely on long stems. 60c each; 3 for $1.50.

Commando. Enormous, 10 to 14-inch flowers of clear phlox-purple on long, stiff stems. 60c each; 3 for $1.50.

D Day. Bright clear rhodamine pink, fine stems, prolific. Fine for florist's use. $1.75 each; 3 for $4.75.

Deep Velvet. Very large, rich carmine flowers with a velvety sheen. Long, strong stems and dark green foliage. $2 each; 3 for $5.50.

Deuil Du Roi Albert. Outstanding bi-color of orchid or petunia purple, tipped white. Good stems. $1.75 each; 3 for $4.75.

Florist's Beauty. A showy bicolor of amaranth-purple with pointed, white-tipped petals and long stems. $1.50 each; 3 for $4.25.

Islip Purity. Pure white flowers of outstanding value for the florist trade or home garden. The blooms are 6 to 7 inches in diameter and 2 to 5 inches deep, possessing excellent keeping qualities. Plants are vigorous and prolific. $1.75 each; 3 for $4.75.

Jersey's Beauty. An old favorite and one of the finest true pinks yet introduced in this class. 60c each; 3 for $1.50.

Lavender Queen. The clear lavender, free-blooming flowers are superb for cutting 75c each; 3 for $2.

Monarch. Rich crimson red, fine stems and foliage, good grower $2 each; 3 for $5.50.

Ogden Reid. Midway between rose and salmon, blended with primrose-yellow, the center shading to deeper rose. Flowers are 12½ inches or more across and 6½ inches deep. Three-foot plants have heavy, thick foliage. $1.25 each; 3 for $3.50.

Pink Regalia. A free-blooming, lively pink variety with blooms 7 to 9 inches in diameter on long stems. A particularly good choice for cut flowers. $1.25 each; 3 for $3 50

White Beauty. Large-flowering pure white of beautiful form and substance. 60c each, 3 for $1.50.

INFORMAL DECORATIVE

Petals long. twisted and pointed.

Axford Triumph. Amaranth-pink to golden bronze. Nice dark foliage. $3.75 each; 3 for $10.50.

Blue Bird. Large flowers of beautiful form and interesting color, closest to blue of any dahlia 60c each; 3 for $1 50.

California Idol. Immense, dazzling yellow flowers on vigorous plants. $1.50 each, 3 for $4.25.

Dr. Kenneth Taylor. Highly recommended in this class. Flowers are scarlet-red with a bronze sheen and measure 8 to 9 inches in diameter. $1.25 each; 3 for $3.50.

Freida Gaylord. Massive, rose-pink flowers with light gold shading. $2 50 each; 3 for $7.

Gaylord Ballay. Enormous, white flowers even without intensive forcing. $1.25 each; 3 for $3.50

General Pershing. Very large flowers of blended coral and red with yellow suffusion. $1.50 each; 3 for $4.25.

Jane Cowl. A best-seller for many years. Flowers are huge, bronze-buff and old-gold deepening at the center. 60c each; 3 for $1.50.

Kentucky Sportsman. Golden amber orange striped white, fine stems, good grower. An outstanding dahlia, in the bi-color class. $2 each; 3 for $5.50.
Madonna. An immense purest crystal-white informal decorative to semi-cactus. Flowers deep, full and tight centered, on strong stems. Early and free bloomer. Winner of many medals. $7.50 each; 3 for $20.
Mrs. Hester A. Pape. Easily forced to prize-winning 14-inch size, this red-purple variety should be featured in all dahlia gardens. $1.50 each; 3 for $4.25.
Mrs. R. G. Atkinson. Very large, clear lemon-yellow flowers on long, stiff stems. $1 each; 3 for $2.75.
Red Champion. Giant, carmine-red blooms 11 to 15 inches or more across. 60c each; 3 for $1.50.
Sherwood's Peach. Unusually large, orange-apricot flowers on strong, stiff stems. $1.25 each; 3 for $3.50.
Sunburst. Golden yellow with light apricot suffusion. The flowers are very large and deep, on long, strong stems. $2 each; 3 for $5.50.
Tuxedo. Fiery red with orange at the petal tips, silvery on the under side. The large flowers, to 12 inches across and 6 inches deep, are borne on strong stems and are good keepers. $1.25 each; 3 for $3.50.
Watchung Giant. The well-established popularity of this deep amber-yellow variety with orange-cadmium suffusion is well deserved. 60c each; 3 for $1.50.
Whiz Kid. A 1951 introduction with huge flowers 12 inches across and 8 inches deep, borne on 5-foot plants. The color is best described as buff, shaded coral-pink. Petals are broad and wavy. $6.50 each; 3 for $18.50.
Yellow Queen. Clear radiant yellow of excellent form. 60c each; 3 for $1.50.

CACTUS

Petals rolled for half their length or more—recurved or straight.

Jersey Dainty. A beautiful white with interesting petal formation and excellent stems. $1.25 each; 3 for $3.50.
Saint Therese. Light pink with delicate creamy pink center. Long stems. Prolific. $1.50 each; 3 for $4.25.

SEMI-CACTUS

Petals rolled less than half their length.

Atomic Yellow. Bright yellow blooms 10 to 12 inches across and over 6 inches in depth. Highly recommended. $2 each; 3 for $5.50.
Brioso. Brilliant red with white-tipped petals. An import from Holland. $1.25 each; 3 for $3.50.
Irene Dunne. A prolific phlox-pink and mauve variety with specially good stems. $1.25 each; 3 for $3.50.
Jane Lausche. One of the finest bicolor with mauve coloring and white tipped petals. Early and free blooming. $1.50 each; 3 for $4.25.
Lady in Red. Bright velvety red, beautiful for vase or basket work. Fine stems; dark foliage; vigorous grower. $1.75 each; 3 for $5.
New Look. A much-honored yellow dahlia with 10 to 12-inch flowers on long stems. Plants grow to 6 feet. $2.50 each; 3 for $7.
Shelk. Pink shading to a cream-white center. A beautiful flower on a strong stem. $1.50 each; 3 for $4.25.

INCURVED CACTUS

Petals rolled for half their length or more, and curved toward the center.

Golden Jupiter. Blending of primrose-yellow, heavily suffused soft jasper-red. Fine long straight stems. Good grower and exhibition type. $3.50 each; 3 for $10.

ORCHID-FLOWERING DAHLIAS

Single flowers with gracefully waved petals in mixed colors. 60c each; 3 for $1.50; $5.50 per doz.

POMPON DAHLIAS

Three-foot plants with ball-shaped flowers and good stems that are ideal for small arrangements.

Clarice. Golden amber.
Clover. Rose-pink.
Indian Chief. Red and white.
Joe Fette. Pure white.
Leta. Wine-red.
Mary Muns. Deep lavender.
Yellow Gem. Intense yellow.

45c each; 3 for $1.25; $4.50 per doz.

● **COLLECTION of Pompon Dahlias**
One each of the 7 colors listed $2.50

MINIATURE DAHLIAS

Flowers 3½ inches in diameter or less.

A great many people prefer small dahlias to show types because of easy culture and usefulness as border plants in restricted space and as cut flowers. Plants grow from 1½ to 3 feet high and need no support. Pinching back will keep plants uniform. All the varieties listed are of formal decorative type unless classified otherwise.

Animato. Rose-pink.
Bishop of Llandaff. Bright scarlet, peony-type flowers with purplish red foliage.
Dolly. Light lavender.
Ike. Dark red with pencil-striped petal tips.
Jeep. Wisteria-lavender with a dark purple center.
Miss Innocence Pure white.
Sylvia. Brilliant deep red.
Tony. Golden bronze.

60c each; 3 for $1.50

● **COLLECTION of Miniature Dahlias**
One each of the 8 colors listed $4

ROYAL MINIATURES

Royal Blue. Bluish purple. 3-inch flowers.
Royal Bronze. Orange and bronze blooms, 3½ inches across.
Royal Lavender.
Royal Red. Three-inch, brilliant scarlet.
Royal White. Pure white.
Royal Yellow. Bright yellow edged buff.

75c each; 3 for $2

● **COLLECTION of Royal Miniatures**
One each of the 6 colors listed $3.50

SINGLE DAHLIAS

A mixture of white, pink, red and yellow single dahlias on 5-foot plants. Flowers have great decorative value for arrangements. 50c each; 3 for $1.25; $4.50 per doz.

● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●

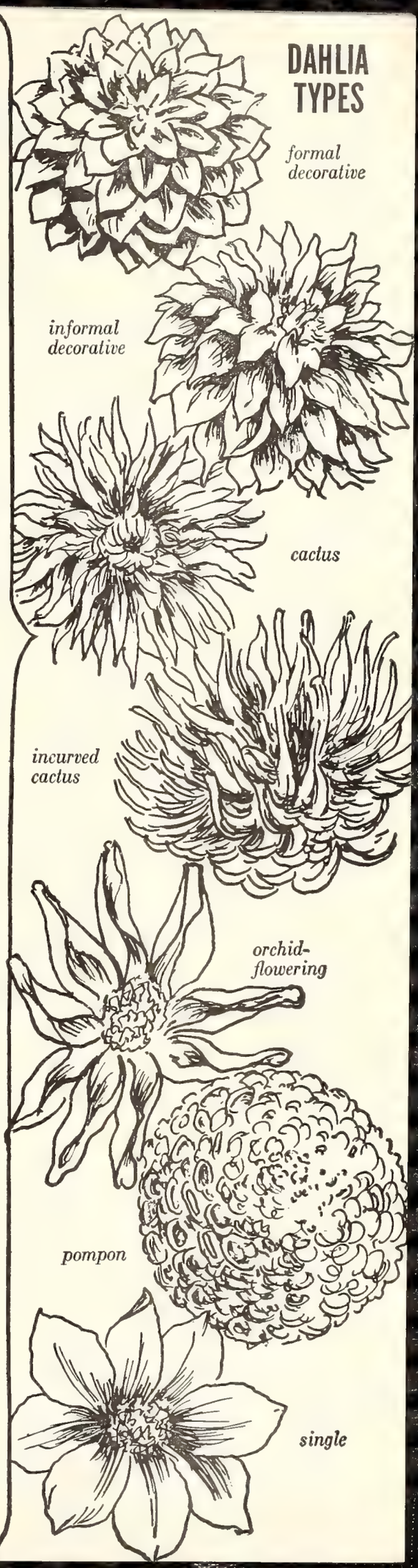
Red Barn

COLLECTION OF DAHLIAS

5 Colorful Giants (Shown in color on page 19)

D-Day. Pink. **Monarch.** Red.
Lavender Queen **White Beauty**
Yellow Queen

COLLECTION PRICE $4.50
LIST PRICE $5.70



Gloxinias (Shown at left)

Showy plants with large colorful flowers and rich velvety green leaves to brighten a sheltered place outdoors or to grow in pots inside. Cultural instructions included with every order for $1 or more.

White with Pink Border	**Purple-Blue**	**Crimson**
Scarlet with White Border	**Pink**	**Spotted—Various Colors**
Violet with White Border	**White**	**Choice Mixed**

45c each; 10 for $4; 25 for $8.75

Glorious GLADIOLUS

Few garden flowers can be grown as easily and produce such a satisfactory display of color in a short period.

CULTURE: *Plant 4 inches deep and 4 to 6 inches apart in a sunny location. In the cutting garden, double rows are very satisfactory. Successive plantings will give a long season of bloom. Corms for September flowering are available until July 15.*

Abu Hassan. The best dark blue. 10 for $1.20; 25 for $2.65; 100 for $9.

Beauty's Blush. Pure vivid pink with seven or eight florets 5 inches across open at once. Resistant to disease and high temperature. 10 for 75c; 25 for $1.65; 100 for $6.

Benjamin Britten. A beautiful lavender-purple, in long double-rowed spikes. 10 for $1.50; 25 for $3.50; 100 for $12.50.

Better Times. The bluest gladiolus, with a deeper violet blotch, edged white. 10 for $1.20; 25 for $2.65; 100 for $9.

Betty Duncan. Clear orange with a golden throat. Up to seven 4½-inch blooms open at once. 10 for $2; 25 for $4; 100 for $15.

Blue Beauty. Light blue, violet-tipped petals. 10 for $1; 25 for $2.20; 100 for $7.50.

Boulogne. Bright American Beauty rose color. Vigorous spikes. 10 for 75c; 25 for $1.65; 100 for $6.

Buckeye Bronze. An outstanding ruffled bronze with orange shading. Six to eight flowers open on a strong spike. 10 for $1; 25 for $2.20; 100 for $7.50.

Burma. Stalks are superb when ten florets of deep rose with lighter throat are open. 10 for $1; 25 for $2.20; 100 for $7.50.

Chamouny. Cerise with silvery edges. 10 for $1; 25 for $2.20; 100 for $7.50.

Cover Girl. Tall medium pink on 30-inch spikes. 10 for 75c; 25 for $1.65; 100 for $6.

Dieppe. Brilliant salmon-scarlet with conspicuous blotch and frilled petals. 10 for $1.15; 25 for $2.35; 100 for $8.50.

Dolly Varden. Good color, a rich salmon pink blending to a cream throat. 10 for $1.50; 25 for $3.50; 100 for $12.50.

Elizabeth The Queen. Exquisite ruffled pinkish lavender flowers with darker lines at throat. 10 for 75c; 25 for $1.65; 100 for $6.

Evangeline. Beautiful light rose with a creamy throat. Very popular. 10 for $2; 25 for $4; 100 for $15.

Firebrand. Tall, straight spikes of medium red flowers with darker throats. 10 for $1.20; 25 for $2.65; 100 for $9.

Florence Nightingale. Tall white with huge ruffled flowers. One of the best whites. 10 for $1.25; 25 for $2.75; 100 for $9.50.

Friendship. A very early variety producing strong, slender stalks of ruffled pink flowers. One of the very best pinks. 10 for $1.50; 25 for $3.50; 100 for $12.50.

Gene. A tall, heavily ruffled light yellow, superior. 10 for $1.50; 25 for $3.50; 100 for $12.50.

Harry Hopkins. Enormous, ruby-wine-colored florets which hold their color. 10 for $1.25; 25 for $2.75; 100 for $9.50.

Hopman's Glory. A tall, glowing pure yellow self color ideal for home or market. 10 for $1; 25 for $2.20; 100 for $7.50.

June Day. Fine, tall, pure pink with small cherry spearhead deep in the throat. A very early cut variety. 10 for $1.20; 25 for $2.65; 100 for $9.

King Lear. Large, ruffled flowers of deep wine-purple, edged with silver. 10 for $1; 25 for $2.20; 100 for $7.50.

Lavender Prince. An excellent, vigorous lavender, very valuable for cutting. 10 for $1; 25 for $2.20; 100 for $7.50.

Leeuwenhorst. Very large, light rose-pink blooms, developing early. Exceptionally strong. 10 for 75c; 25 for $1.65; 100 for $6.

Mansoer. Enormous with blood-red flowers and scarlet throat. Eight to ten open florets. 10 for $1; 25 for $2.20; 100 for $7.50.

Margaret Beaton. An enormous gladiolus with clear white flowers and brilliant scarlet throat. 10 for $1; 25 for $2.20; 100 for $7.50.

Morning Kiss. Tall stems with eight to ten huge, pure white open flowers distinguish this as an exhibition variety. 10 for $1; 25 for $2.20; 100 for $7.50.

October Sunshine. A rich glistening golden buff with a slight orange tint. New, scarce and very worth while. 10 for $1.50; 25 for $3.50; 100 for $12.50.

Orange Gold. A very superior deep orange on strong, slender stems. 10 for 75c; 25 for $1.65; 100 for $6.

Oregon Gold. Heavily ruffled, light yellow flowers on long stems. 10 for $1; 25 for $2.20; 100 for $7.50.

Parthiena. A beautiful mauve-lavender. The 5½-inch flowers are borne on strong, 55-inch stems. Often eight blooms are open at once. 10 for $2; 25 for $4; 100 for $15.

Phantom Beauty. A lovely clear pastel pink. Tall, impressive spikes with eight or more florets open at the same time. 10 for $1.20; 25 for $2.65; 100 for $9.

Picardy. For years a favorite florist's variety and considered by many the best pink. The flowers are shrimp-pink, somewhat ruffled and of waxy substance. 10 for $1.20; 25 for $2.65; 100 for $9.

Pink Radiance. Many huge, light pink blooms open at a time on each stalk. 10 for $1; 25 for $2.25; 100 for $8.

Ravel. An exceptionally fine large new violet-blue marked with reddish brown. 10 for $1 15; 25 for $2.35; 100 for $8.50.

Red Charm. Large crimson flowers in magnificent spikes. 10 for $1; 25 for $2.20; 100 for $7.50.

Rosa Van Lima. A beautiful light pink self-color with strong stems. 10 for 75c; 25 for $1.65; 100 for $6.

Salmon's Glory. A large, creamy white with a conspicuous red blotch edged yellow. 10 for $1; 25 for $2.20; 100 for $7.50.

Snow Princess. A popular large white variety with a light cream throat. 10 for 75c; 25 for $1.65; 100 for $6.

Spic and Span. Very large, ruffled deep pink flowers on long superb stalks. 10 for $1.20; 25 for $2.65; 100 for $9.

Spotlight. Brilliant clear yellow, wavy-edged flowers with a fiery scarlet blotch. 10 for 75c; 25 for $1.65; 100 for $6.

Sunday Best. A very distinctive rosy pink, superimposed over a white base. Tall. Strikingly different. 10 for $2; 25 for $4; 100 for $15.

Tivoli. Lovely soft rose. One of the best in its color class. 10 for 75c; 25 for $1.65; 100 for $6.

Valeria. A beautiful light red with many flowers open at a time. 10 for 75c; 25 for $1.65; 100 for $6.

White Goddess. One of the newest of the large-flowered ruffled whites. The flowers are of exceptionally heavy substance. 10 for $2.25; 25 for $5; 100 for $17.50.

White Gold. A rich satiny cream overlaid with gold. Your friends will comment on this variety. 10 for 75c; 25 for $1.65; 100 for $6.

American Hybrids Mixed. A colorful mixture of fine varieties ideal for the cutting garden. 10 for 75c; 25 for $1.65; 100 for $6.

MINIATURE GLADIOLUS

Dainty spikes valuable for smaller arrangements.

	10	25	100
Allard Pierson. Red...	$1 60	$3 50	$12 00
Cupid. White.....	2 00	4 00	15 00
Gayway. Orange.....	1 20	2 65	9 00
Rose Charm. Pink...	1 25	2 75	9 50
Wedgwood. Lavender..	1 60	3 50	12 00

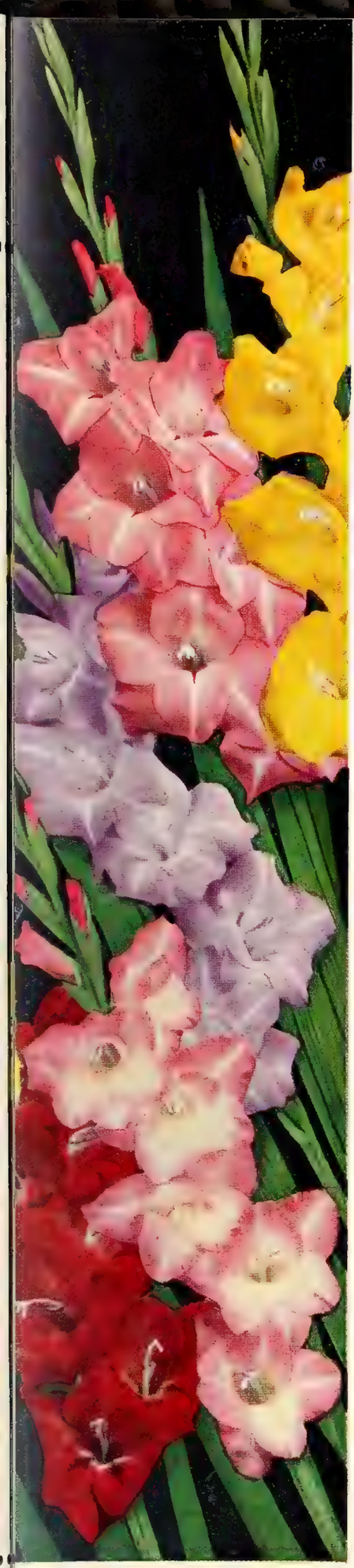
Calla, GOLDEN YELLOW (Left)

Bright green leaves spotted with white. Brilliant yellow flowers. Planted in groups they make interesting tropical accent plants in the garden. 35c each; 10 for $3; 25 for $7.

Amaryllis, GIANT HYBRIDS

(Not Shown)

An excellent strain including shades from white through pink, salmon and orange to deepest reds. 85c each; 10 for $8; 25 for $17.50.



THE RED BARN SUPER-DOZEN

Gladiolus

For cutting . . . for long-time garden color few flowers can be grown as easily or produce as well as "Glads." The best of the old and of the new, the following varieties have been carefully selected to give you a balanced color collection of real merit.

(Left, top to bottom)

SPOTLIGHT. Brilliant clear yellow, wavy-edged flowers with a fiery scarlet blotch in the center.

TIVOLI. Lovely soft rose and one of the best in its color class.

ELIZABETH THE QUEEN. Exquisite ruffled pinkish lavender flowers with darker lines at the throat.

ROSA VAN LIMA. A beautiful light pink self-color with strong stems.

VALERIA. Beautiful light red with many open flowers at a time.

(Right, top to bottom)

BEAUTY'S BLUSH. Pure light pink with 7 or 8 florets 5 inches across open at once.

ORANGE GOLD. A very superior deep orange on strong, slender stems.

SNOW PRINCESS. A popular large white variety with a light cream throat.

LEEUWENHORST. Very large, light rose-pink blooms, developing early.

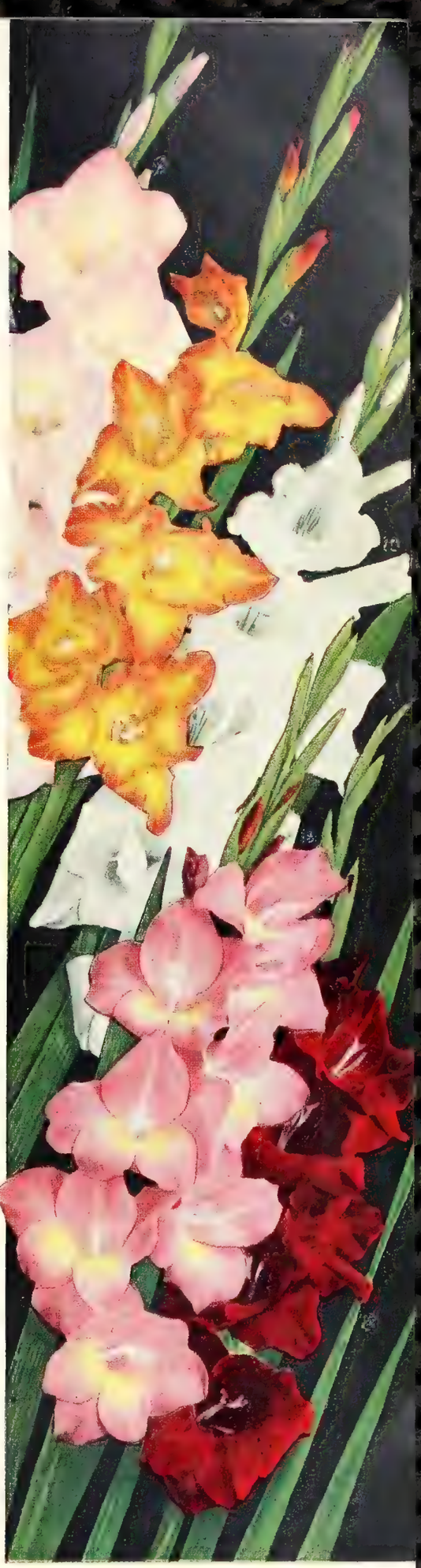
BOULOGNE. Bright American Beauty rose color. Vigorous spikes.

RED BARN COLLECTION OF TWELVE SUPERB GLADIOLUS

60 5 each of 12 varieties in color **$4.25** (Prepaid)

120 10 each of 12 varieties in color **$8.00** (Prepaid)

300 25 each of 12 varieties in color **$17.50** (Prepaid)



COVER GIRL. Tall medium pink on 30-inch spikes with 10 to 12 flowers.

WHITE GOLD. Clear cream-yellow with light gold throat.

...More Summer-Flowering BULBS

Lily, SPECIOSUM RUBRUM

Lily, SPECIOSUM RUBRUM

RUBRUM LILY

More beautiful than many orchids, this glorious lil produces its wavy white flowers, informally marke with red and soft rose-pink, in August. Plant it towar the back of the border, for it grows up to 5 feet tall Stem-rooting, the bulb should be covered with 9 to 1 inches of good humusy soil. 50c each; 10 for $4.50 25 for $10.50.

Lily, LONGIFLORUM ESTATI

(HARDY EASTER LILY)

This type of Croft lily is ideal for garden planting Five to 7 pure white trumpets on a stem 4 to 5 fee high, blooming in August. Bulbs should be plante 8 inches deep. 75c each; 10 for $6.50; 25 for $15.50.

GLORIOSA ROTHSCHILDIANA

Climbing Lily

The fantastic flowers are produced on stiff stems tha stand out from the main stem. Often used by florist for unusual corsages, they keep well when cut. Starte in the house in pots, they become interesting accent for the sheltered back of the garden border. $1.50 eac 3 for $4; 6 for $7.50.

TUBEROSE, Excelsior Double P

Lily
Longiflorum
Estate
HARDY
EASTER
LILY

TUBEROSE

EXCELSIOR DOUBLE PEARL

The sweet tropical fragrance is reason enough for growing it as a garden subject. The long spikes of white flowers with here and there a suggestion of flesh color are very desirable for cutting. Plant in May or June in the open garden; from late January on for the greenhouse. Not hardy; store in the winter. 15c each; 10 for $1.25; 25 for $3; 100 for $11.

CANNA

For bold, flashy bedding effects from mid-summer on, no flower compares with cannas. (See description of named varieties on another page.) 20c each; 10 for $1.60; 25 for $3.50; 100 for $13.

GLORIOSA ROTHSCHILDIANA,
Climbing Lily

CANNA
King Humbert

Henderson's 1953 VEGETABLES

For well over a hundred years it has been our pleasant duty to supply fresh, plump viable seeds to our customers. In maintaining this earned tradition, we offer for 1953 the best of the new varieties as well as those older kinds which you, by your purchases, have approved above all others. It is your assurance of quality and productivity.

310 Carrot, TENDERSWEET

The tenderest, sweetest and hardiest carrot you can grow. Outstanding for the home gardener because it represents quality at its zenith. The fully mature roots average from 8 to 10 inches long and taper slightly from shoulder to a blunt end. 80 days. Pkt. 20c; oz. 65c; ¼lb. $1.95.

654 Parsley, EVERGREEN

A large dense variety, spreading and uniformly deep green. The leaves are tightly and attractively curled. Since Evergreen is resistant to cold, it can be grown later in the fall or farther north than most varieties. Vigorous and rapid growing. We recommend it for either the home gardener or market grower. 70 days. Pkt. 15c; oz. 45c; ¼lb. $1.25; lb. $3.50.

178 Peas, EARLY DELICIOUS

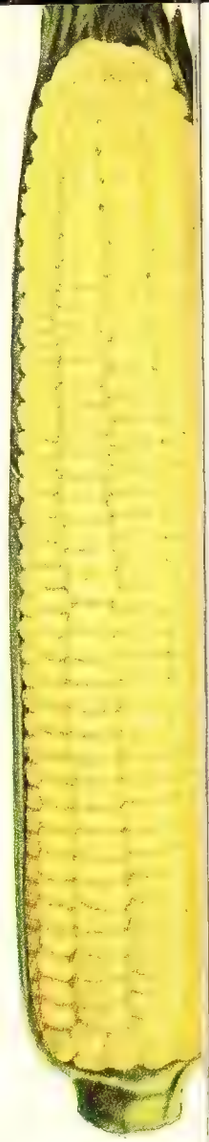
An extra-early variety of outstanding merit. Extremely hardy and fine flavored as a table pea. The vines grow about 2 feet high and are heavy croppers. The 3 to 3½-inch pods are straight, pointed, dark green and contain 7 or 8 appetizingly green peas of exceptionally fine quality. 56 days. Pkt. 20c; ½lb. 45c; lb. 85c; 5 lbs. $3.75; 15 lbs. $10.25.

612 Onion ESPANOLA

Extremely large, globular bulbs. Neck and root disc small and fine. Skin light yellow. Interior fine-grained and of mild flavor. 110 days. Pkt. 15c; oz. $1; ¼lb. $3; lb. $9.

Imperator Carrot

Fordhook 242
Lima Bean

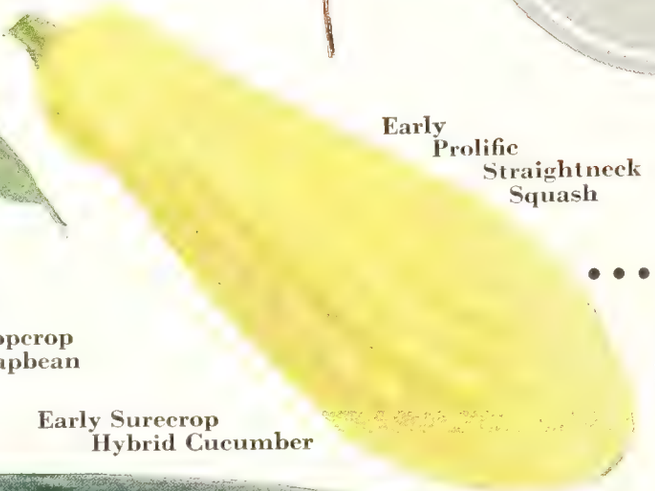


Iochief Hybri
Sweet Corn

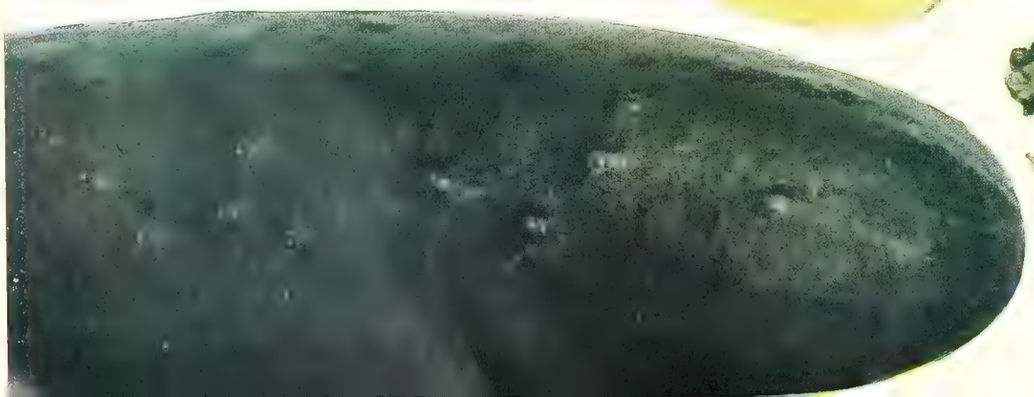
Cherry Belle
Radish

Topcrop
Snapbean

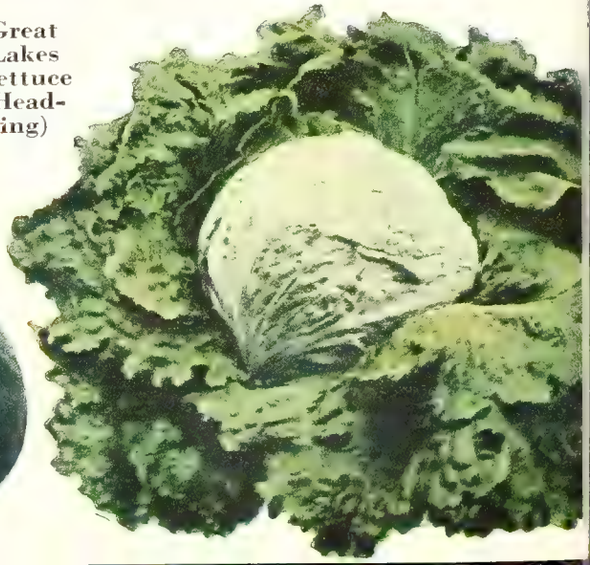
The 1953 AAS Selection



Early
Prolific
Straightneck
Squash



Early Surecrop
Hybrid Cucumber



Great
Lakes
Lettuce
(Head-
ing)

25 *Bush Bean,* WADE

Here is the perfect snap bean for the home garden. The smooth, round pods average 6 inches in length. The plants are taller than Tendergreen and carry the pods well off the ground. Resistance to common bean mosaic and powdery mildew makes it a most dependable variety. 50 days. Pkt. 25c; ½lb. 55c; lb. $1; 5 lbs. $4.75.

12 *Bush Bean,* TOPCROP

The pods are round, straight, smooth, entirely stringless and without fiber. Seed development is slow, thus making for meaty pods even in relatively advanced stages of maturity. The pods average 6 inches in length, and maturity is slightly earlier than Tendergreen. Look for a tremendous yield over a short period, rather than extended pickings. The plants grow 15 to 16 inches high, have great vigor and are immune to common bean mosaic. Pkt. 20c; ½lb. 55c; lb. 95c; 5 lbs. $4.50.

73 *Bush Lima Bean,*

FORDHOOK U. S. No. 242

Heavier yields, both early and late, distinguish this variety from the standard Fordhook. It sets basal pods from the first blossoms even in hot, dry weather. The pods are very uniform and hold their size on the late sets. Each contains 3 or 4 plump beans of the finest quality. 72 days. Pkt. 15c; ½lb. 45c; lb. 80c; 5 lbs. $3.75.

227 *Beets,* GOOD FOR ALL

Because of the small size of its roots even when fully matured, it is especially fine for canning and pickling whole. Tops small and uniform. Roots smooth, very even in size, almost globular in shape; very small, slender tap-root. The skin is dark red and the flesh deep crimson, fine-grained, tender and sweet. 56 days. Pkt. 20c; oz. 45c; ¼lb. $1.25.

102 *Sweet Corn,* IOCHIEF

Every ear carries 16 or 18 rows of kernels of an attractive golden yellow color, filled with the most delicious, tasty, sweet and tender pulp. The unusual depth of the kernels is quickly noticed as one sinks his teeth into this delightful delicacy. 85 days. Pkt. 25c; ½lb. 55c; lb. $1; 5 lbs. $4.75.

397 *Cucumber,* MARKETER

Dark green right down to the blossom end. The average fruit is 7¾ inches in length and 2¼ inches in diameter. Crisp, icy-white flesh. 65 days. Pkt. 15c; oz. 45c; ¼lb. $1.25; lb. $3.75.

421 *Cucumber,*

SURECROP HYBRID

This hybrid cucumber was chosen for its greater dependability, disease resistance and extra vigor, to produce a crop of dark green, uniform-sized, crisp, flavorful fruits. Pkt. 35c; 3 pkts. $1.

454 *Endive,*

DEEP HEART-FRINGED

The hearts are closely packed with well-blanched, fine leaves. The plants often reach a diameter of about 12 inches and a depth of 7 inches or more. 90 days. Pkt. 15c; oz. 40c; ¼lb. $1; lb. $3.

514 *Lettuce,* SALAD BOWL

One head fills a salad bowl with a perfect rosette of decorative rich dark green leaves. Salad Bowl was recommended by the judges exclusively for home-garden use. The leaves are too tender and dainty for commercial shipping. It is a loose-leaf variety, and the prettiest of them all. Pkt. 25c; oz. 95c.

No new vegetables were selected in the All-America Trials for this year. Instead, several winners were chosen from A A Selections of other years. Eight of these chosen varieties are shown in color across the page and are described on this page, together with several other All-America Selections. We hope this segregation of nationally tested and approved varieties will help you choose the varieties you want for your garden.

253 *Cabbage,*

HYBRID SUCCESSION

We offer the fine original strain that is noted for its uniformity in the size and shape of the heads. The average head weighs 8 pounds and measures 8 inches deep and 10 inches across. The interior is very solid and compact and is well covered by the closely folded top leaves. Has good storage qualities. 80 days. Pkt. 35c; 3 pkts. $1.

303 *Carrot,* IMPERATOR

This carrot is long and smooth, deep orange color, and is uniformly tapered to a semi-blunt end. Flesh is fine grained and tender. 77 days. Pkt. 15c; oz. 60c; ¼lb. $1.75.

519 *Lettuce,* GREAT LAKES

This is the national leader for a heading lettuce and stands the sun extremely well. Grows and heads rapidly, but it is relatively slow to bolt to seed. Fine textured and tender. Pkt. 25c; oz. $1; ¼lb. $3.

537 *Muskmelon,*

GRANITE STATE

Very early, orange-fleshed and of high quality Honey Rock type, but earlier. Oval in shape, with flatter, more open netting. Vines small and compact. Fruits average 5 to 5½ inches by 4 to 4½ inches. Especially recommended for northern sections. Pkt. 25c; oz. 90c.

539 *Muskmelon,*

GOLDEN DELIGHT

AAS bronze medal 1952. A reliable cropper The elongated fruits average 5 by 7 inches and have thick salmon-orange flesh of fine flavor and firm quality. Pkt. 25c; 3 pkts. 65c.

596 *Okra,* CLEMSON SPINELESS

Plants reach a height of 3½ to 4 feet. Fruits practically spineless. Quality is excellent. Recommended for home and market gardens. 55 days. Pkt. 15c; oz. 30c; ¼lb. 75c; lb. $1.50.

654 *Parsley,* EVERGREEN

In color on page 27. Pkt. 15c; oz. 45c; ¼lb. $1.25; lb. $3.50.

696 *Pepper,* VINEDALE

Highly recommended for the home gardener who wants bumper crops of peppers early in the season. The fruits have exceptionally thick flesh walls for such an early variety, and they average 4 by 2 inches, with blunt ends. The red flesh is exceptionally rich in coloring after turning from green. The plants are of dwarf habit, well branched. Pkt. 25c; 3 pkts. 65c.

725 *Radish,* CHERRY BELLE

Just as good to eat as it is to look at, for the flesh is delightfully crisp and firm. It has an extreme resistance to pithiness and thus retains its prime condition much longer than the general run of radishes. The tops are exceptionally short and gray-green in color. 23 days. Pkt. 15c; oz. 50c; ¼lb. $1.50.

800 *Spinach,* AMERICA

They say there's a monument to POPEYE THE SAILOR in an important spinach-growing area in Texas. If you agree that spinach has a place in all diets, you will want to try this new cross between Bloomsdale Long-standing Dark Green and Viking. The plants are 6 to 8 inches high, with a width of 10 to 12 inches. Very thick leaved, real glossy dark green, and beautifully savoyed. 50 days. Pkt. 20c; 3 pkts. 50c; oz. 75c.

829 *Squash,*

EARLY PROLIFIC STRAIGHTNECK

Outstanding for earliness, heavy yield and uniformity in size and shape of fruits. Fruits are smoother and lighter yellow than the giant type. 50 days. Pkt. 15c; oz. 40c; ¼lb. $1.10.

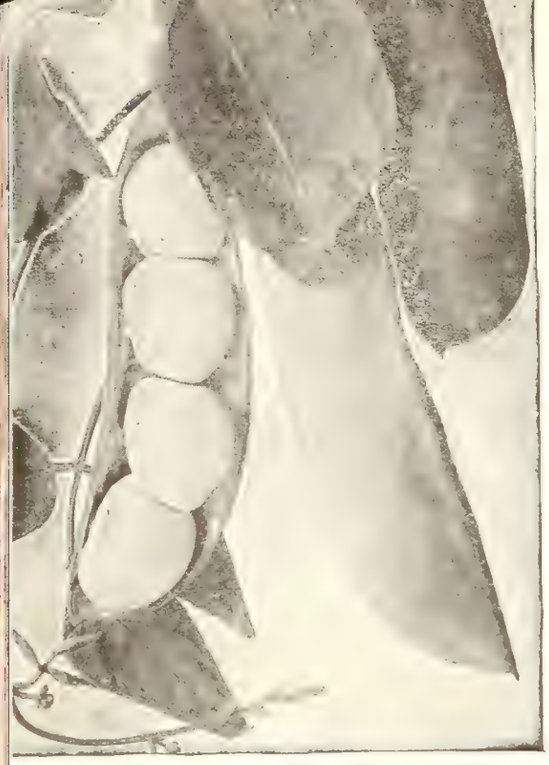
891 *Tomato,* JUBILEE

The best golden orange tomato. Vigorous and productive, bearing globe-shaped fruit of beautiful golden orange color. Fruits resemble Marglobe in shape and weigh about 6 ounces each. Excellent for salads or juices, because of low acidity and few seeds. 72 days. Pkt. 25c; ½oz. $1; oz. $1.75.

584 *Watermelon,*

NEW HAMPSHIRE MIDGET

This new watermelon has been scaled down to the small American family and the home-size refrigerator. It weighs no more than 6 pounds and measures about 6 inches across. The melons are ready for picking in 65 days from seed-sowing time. The flesh is red and juicy, and plants are remarkably productive, yielding a melon every 6 inches along the vine. Pkt. 25c; 3 pkts. 65c; oz. $1.



Lima Beans, Early Giant

Grow Hybrids for LARGER

On the following pages is our general listing of vegetables for 1953. Now in our 105th year as seedsmen, we offer what we believe to be the best selection of varieties adapted to your needs as a home gardener. Productivity has been a major consideration, but we have also tried to select varieties that are disease free or disease resistant. There are a few varieties listed which produce vegetables superior in quality to others of higher yielding ability. In these cases we think that you will prefer quality to quantity, and so we list the superior types. We have always been proud of the bright, viable seeds which go into our packages. We are sure you will be pleased with the vegetables you grow from them.

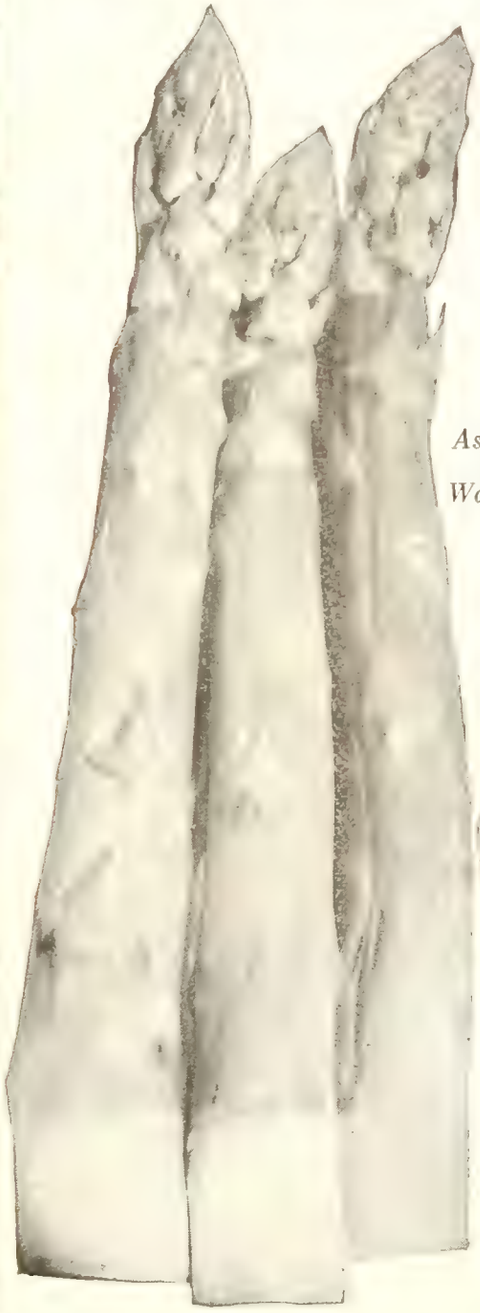
Asparagus

CULTURE: *Beds that are cared for improve with age and last for many years. Cutting may begin with the second year after the roots are planted. If seed is used, three to four years longer are required before the plants reach cutting size. Plant in rows from 3 to 5 feet apart, with a distance of 9 to 24 inches between the plants. Send for free pamphlet, "Asparagus Culture."*

Giant Washington Roots. Some varieties of asparagus seem to be afflicted with rust. But Giant Washington, developed under the auspices of the United States Department of Agriculture, is declared to be peculiarly immune to this disease. The shoots are of giant size, very vigorous, straight and what is still more important, of extra-good quality. Dark green tinged with purple. 2-year roots: 25 for $1.95; 50 for $3.25; 100 for $5.75.

109 Paradise. An excellent variety; heavy producer of very large stalks. 2-year roots: 25 for $2.25; 50 for $4; 100 for $7.50; 1000 for $70.

207 Giant Washington Seed. Pkt. 20c; oz. 50c; ¼lb. $1.25; lb. $2.50.



Asparagus, Giant Washington

Artichoke

201 Large Green Globe. Early, productive and rustless. The best strain of this favorite French delicacy. Pkt. 25c.

Artichoke, Large Green Globe

Bush Beans

GREEN PODDED

CULTURE: *Sow every two weeks from early May until August for succession crops in the latitude of New York. Farther south, sow earlier; farther north, later. Plant 2 inches deep in drills 2½ feet apart. Plant seeds 2 inches apart; thin out plants to stand 4 inches apart. They commence bearing in six to eight weeks. 2 lbs. to 100 ft. of drill. Approximate maturity dates are given for each variety.*

12 Topcrop. Described on page 29. Pkt. 20c; ½lb. 55c; lb. 95c; 5 lbs. $4.50.

28 Tendergreen. First in Quality—Ideal for the Home Garden. For those who demand quality above all else we recommend Tendergreen. The pods are absolutely stringless and fiberless, with a delicious flavor and a melting tenderness that distinguishes them as the ultimate in quality. The vigorous plants average from 14 to 15 inches high, the stems are stout and rigid, the foliage is heavy, glossy and attractive. The pods are deep rich green in color, extremely brittle, perfectly round, and 6 to 6½ inches long. Ready for use in 48 days. Pkt. 15c; ½lb. 40c; lb. 70c; 5 lbs. $3.25; 15 lbs. $7.75.

1 Bountiful. In color page 42. Pkt. 15c; ½lb. 40c; lb. 70c; 5 lbs. $3.25; 15 lbs. $7.75.

27 Stringless Black Valentine. Matures early and produces large crops. A great improvement on the old popular Black Valentine. 53 days. ½lb. 40c; lb. 70c; 5 lbs. $3.25; 15 lbs. $7.75.

20 Stringless Green-Pod. An old favorite, definitely improved through years of selection. Plants are bushy and productive. Pods are nearly round, slightly curved, without strings or fiber. 53 days. Pkt. 15c; ½lb. 40c; lb. 70c; 5 lbs. $3.25; 15 lbs. $7.75.

22 Henderson Stringless. Absolutely stringless from the first to the last picking and quite free from rust. The vine is upright, strong and healthy, about 1½ to 2 feet in height, and bears a heavy crop of meaty, tender pods 6 to 7 inches in length in about seven weeks from planting the seed. The quality and flavor of the pods are unexcelled. 48 days. Pkt. 20c; ½lb. 50c; lb. 90c; 5 lbs. $4.25; 15 lbs. $10.50.

24 Plentiful. The pods are quite similar to Bountiful, measuring 6½ to 7 inches long, but not quite so wide and slightly darker green, straight, flat, entirely stringless and of highest quality. 48 days. Pkt. 15c; ½lb. 40c; lb. 70c; 5 lbs. $3.25; 15 lbs. $7.75.

30 Supergreen. Noted for high yields, excellent quality and resistance to mosaic. It produces tremendous crops of slender, round pods that are stringless in all stages. The pods are 6 to 7 inches in length and of a rich green color that rates them high in table quality. Pkt. 20c; ½lb. 50c; lb. 90c; 5 lbs. $4.25.

CROPS OF FINER VEGETABLES

14 French Horticultural. Produces 7-inch pods generously splashed with brilliant red or carmine. Used as a snap bean or for shelling green. 70 days. Pkt. 20c; ½lb. 50c; lb. 90c; 5 lbs. $4.25.

Bush Beans

WAX-PODDED

CULTURE: *Same as for green bush beans on page 30.*

55 Sure Crop Wax. The beautiful amber pods average 6 to 6½ inches long. They are straight and brittle, stringless and of excellent flavor. The plants are large and robust and produce excellent crops. This variety is an established favorite in all sections of the country where beans are grown. 52 days. Pkt. 15c; ½lb. 40c; lb. 70c; 5 lbs. $3.25; 15 lbs. $7.75.

46 Golden Wax. A very early variety for the home garden. The yellow, 5-inch pods are thick, oval, fleshy, brittle and stringless. 48 days. Pkt. 20c; ½lb. 45c; lb. 80c; 5 lbs. $3.75.

44 Golden Age Wax. Besides being absolutely stringless, it is remarkable for its rust-resisting and disease-resisting qualities. The plants are vigorous in growth and bear heavy crops of transparent, tender, golden, waxy pods, delightful to the eye, and ready to pick in 50 days. Pkt. 20c; ½lb. 50c; lb. 90c; 5 lbs. $4.25; 15 lbs. $10.50.

35 Pencil Pod Black Wax Bush Bean. One of the oldest varieties grown but reselections has greatly improved it. Early, enormously productive and of fine quality. 52 days. ½lb. 45c; lb. 85c; 5 lbs. $3.75.

56 Unrivaled Wax. The color develops very early in the growth of the pods, which remain tender for a long period. The flavor is excellent, and both plant and pods are free from rust and blight. 48 days. Pkt. 15c; ½lb. 40c; lb. 75c; 5 lbs. $3.50; 15 lbs. $9.

Bush Lima Beans

CULTURE: *Plant about the middle to latter part of May around New York. The rows should be 2½ feet apart, the seed sown edgewise in the drills, 6 inches apart and covered 1 inch. They commence bearing in from twelve to fifteen weeks, according to the earliness of the variety. Do not brush against bean foliage when wet. 1 lb. to 100 ft. of drill.*

69 Early Giant. True Bush, Enormous Pods and Beans. The healthy, sturdy, upright plants require neither poles nor stakes and bear from July until frost almost unbelievable quantities of 5 to 6-inch pods, each usually containing 4 large, thick beans, averaging as large as those of the large pole limas. Whether used green or cured, they are of superb quality—tender, rich and buttery, the true lima flavor. 72 days. Pkt. 20c; ½lb. 45c; lb. 85c; 5 lbs. $4; 15 lbs. $9.25.

73 Fordhook U. S. No. 242. Heavier yields, both early and late, distinguish this variety from the standard Fordhook. It sets basal pods from the first blossoms even in hot, dry weather. The pods are very uniform and hold their size on the late sets. Each contains 3 or 4 plump beans of the finest quality. 72 days. Pkt. 15c; ½lb. 45c; lb. 80c; 5 lbs. $3.75; 15 lbs. $9.

75 Henderson. The Original "Baby" Lima Bean. It produces a continuous crop from the time it comes into bearing (it is fit for the table in the latitude of New York the middle of July) until frost, and being enormously productive, a very small patch will keep a family supplied with this splendid vegetable throughout the season. The plant forms a compact bush about 18 inches high. 65 days. Pkt. 15c; ½lb. 40c; lb. 70c; 5 lbs. $3.25; 15 lbs. $7.75.

Pole Lima Beans

CULTURE: *Grown in hills 3 feet apart in rows 4 feet apart, but being very tender, the seeds should not be planted until the ground has warmed—the latter part of May around New York.*

83 Empire State. (In color on page 42.) Pkt. 35c; ½lb. $1; lb. $1.75.

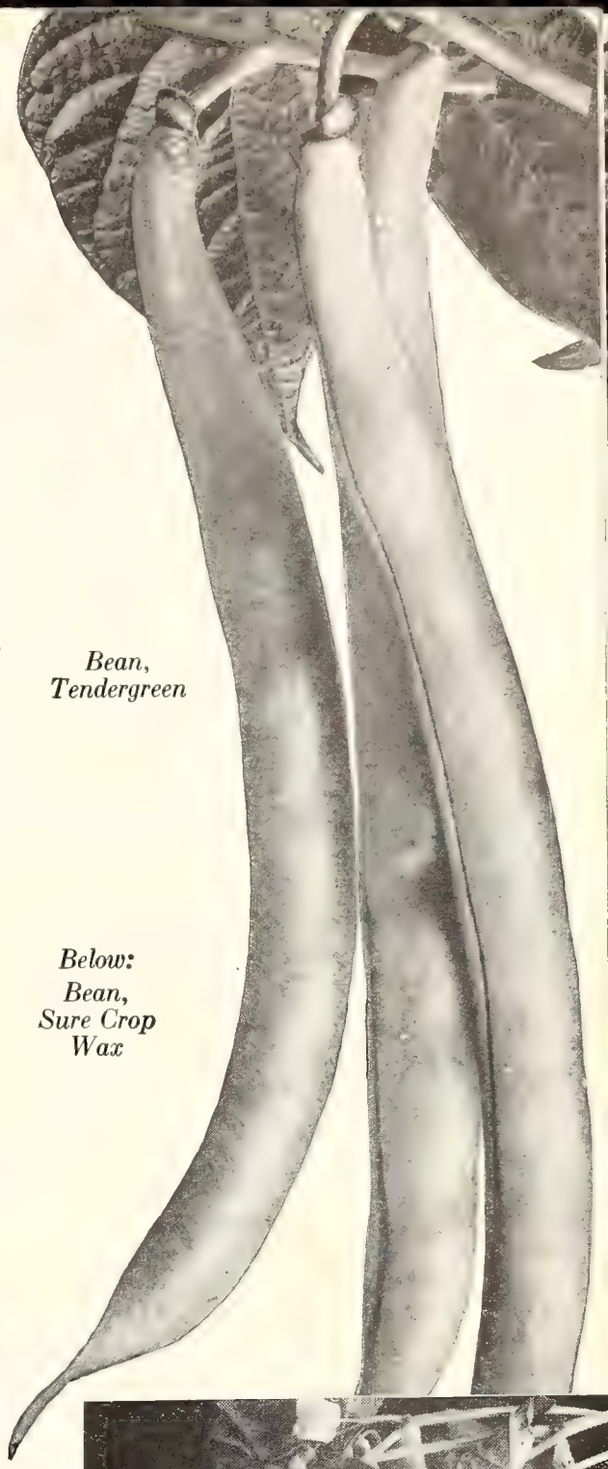
85 Leviathan. It is fully a week earlier than any other pole variety, therefore can be grown successfully where other sorts would be caught by frosts of early autumn. A prodigious cropper, producing its pods in large clusters, well filled with large, fleshy beans, pale green in color and of a rich buttery flavor. 80 days. Pkt. 15c; ½lb. 45c; lb. 80c; 5 lbs. $3.75.

Pole Beans

96 Old Homestead or Kentucky Wonder. The pods hang in great clusters from the top to the bottom of the vine and can be gathered by the handful. They are very large, 6 to 8 inches in length, stringless, plump, meltingly tender and of superb flavor. 65 days. Pkt 15c; ½lb. 40c; lb. 70c; 5 lbs. $3.25.

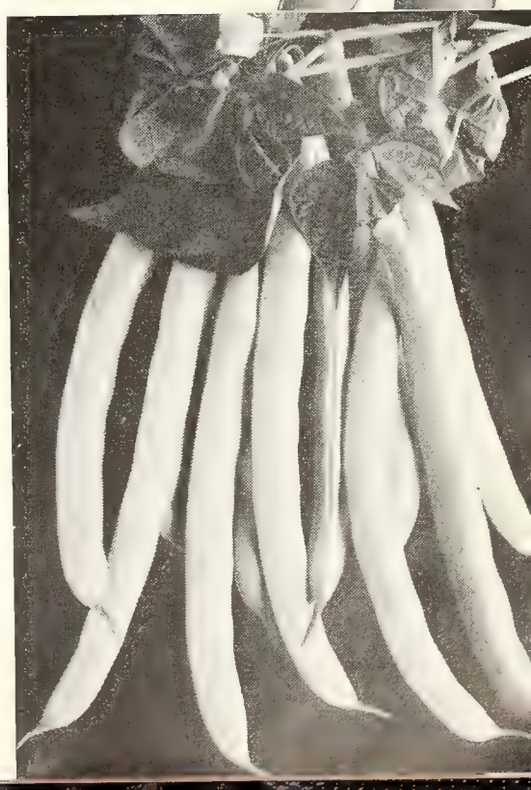
93 Giant Wax. Since its introduction in 1932, Giant Wax has won many admirers. It is a show bean par excellence, as it develops beautiful, unblemished, flat pods 8 to 10 inches long and clear amber-yellow in color. 65 days. Pkt. 25c; 5 pkts. $1.

98 Scarlet Runner. A 10-foot ornamental vine to grow for shade, with dazzling scarlet flowers. Pick pods when half grown for use as snap. 90 days. Pkt. 20c; ½lb. 50c; lb. 90c.



Bean, Tendergreen

Below: Bean, Sure Crop Wax



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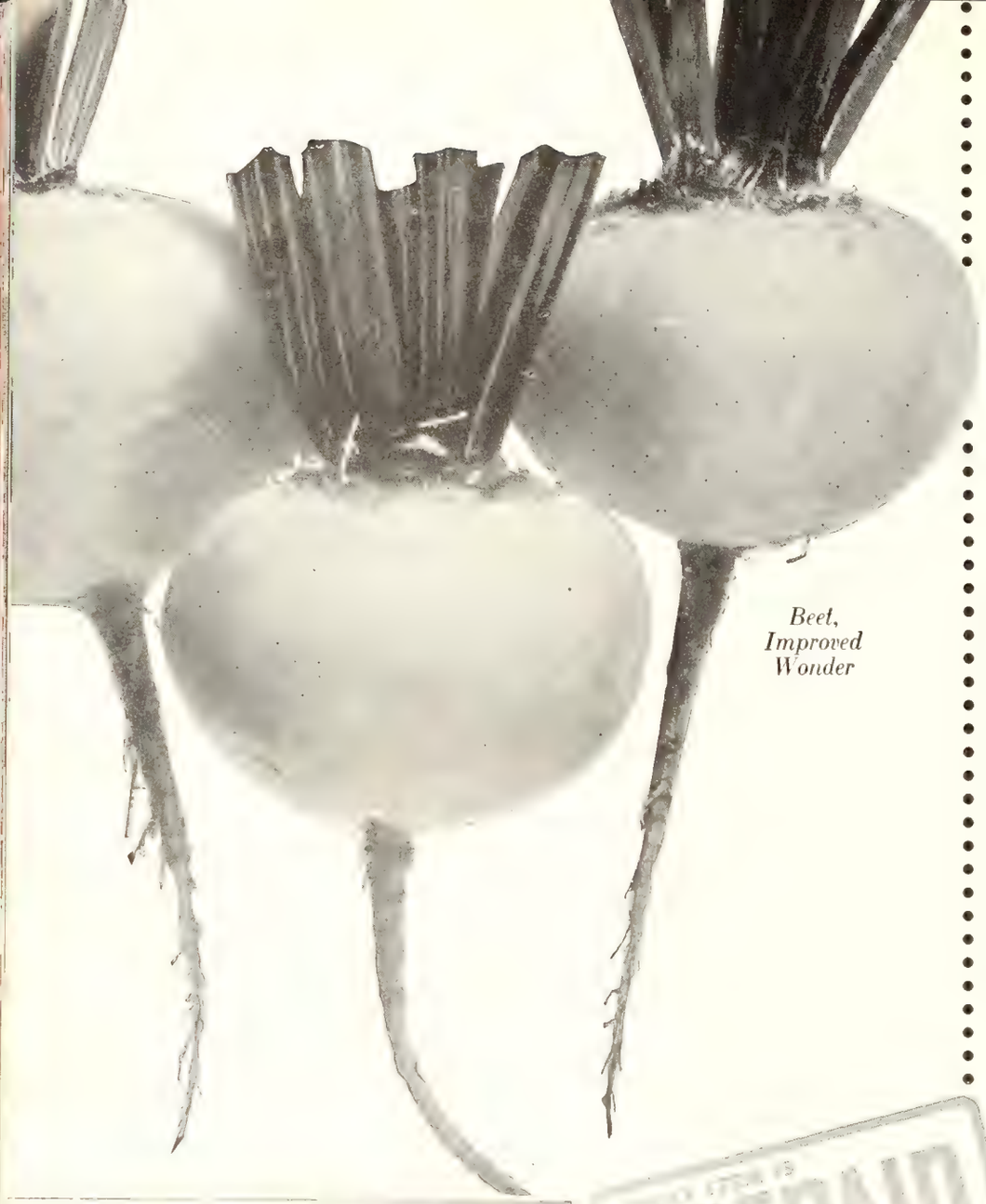

Beet, Improved Wonder

Beets

SELECT TABLE VARIETIES

CULTURE: *The best soil for beets is a light one enriched the year before with well-rotted manure. For an early crop, sow in spring, as soon as the ground is fit to work, in drills about 1 foot apart and 1 inch deep. For main crop sow the first week in May, and for winter use sow in June or July. These dates are for the latitude of New York. South, sow earlier; north, later. When the seedlings have attained four leaves, thin out to 4 inches. 1 oz. to 50 ft. of drill; 5 lbs. to the acre in drills.*

221 Improved Wonder. A very early variety that develops uniformly so that the roots can be lifted at one time. Tops are small, and the fine, dark-colored flesh of the beets is exceptionally tender and sweet—qualities intensified through selections in Early Wonder. Deep blood-red. 58 days. Pkt. 20c; oz. 45c; ¼lb. $1.25; lb. $3.25.

214 Detroit Dark Red. Probably the best of the larger sorts. It succeeds equally well at all seasons and is one of the best to sow in early spring to succeed the extra-early and medium-crop sorts. It may be sown about August 1 in the vicinity of New York for a crop to store for winter. The flesh is solid, always tender, of good flavor and excellent color. 56 days. Pkt. 15c; oz. 40c; ¼lb. $1.10; lb. $2.75.

226 Extra Early Egyptian. The root grows almost entirely out of the ground, to which it is held by a slender tap-root. The skin is very smooth, violet-red in color; flesh of a dark blood color. 54 days. Pkt. 15c; oz. 40c; ¼lb. $1.10; lb. $2.75.

238 Winter Keeper. A Garden Delicacy for Winter Months. Develops large, tapering roots which retain their delicacy of quality and flavor throughout the winter. Because of its large size and the rough appearance of the outer skin, the housewife would be rather skeptical regarding its quality, but one trial will convince anyone. 80 days. Pkt. 15c; oz. 55c; ¼lb. $1.65; lb. $5.

227 Good For All. Because of the small size of its roots even when fully matured, it is especially fine for canning and pickling whole. Tops small and uniform. Roots smooth, very even in size, almost globular in shape; very small, slender tap-root. The skin is dark red and the flesh deep crimson, fine grained, tender and sweet. 56 days. Pkt. 20c; oz. 45c; ¼lb. $1.25.

219 Early Wonder. Edible roots are produced much earlier than with most varieties. It is very highly recommended for spring and summer sowing; it can also be planted later in the season than any other kind for the last crop of the year. The skin is deep red and the flesh dark in color, fine grained and particularly tender and sweet. 58 days. Pkt. 15c; oz. 40c; ¼lb. $1.10; lb. $2.75.

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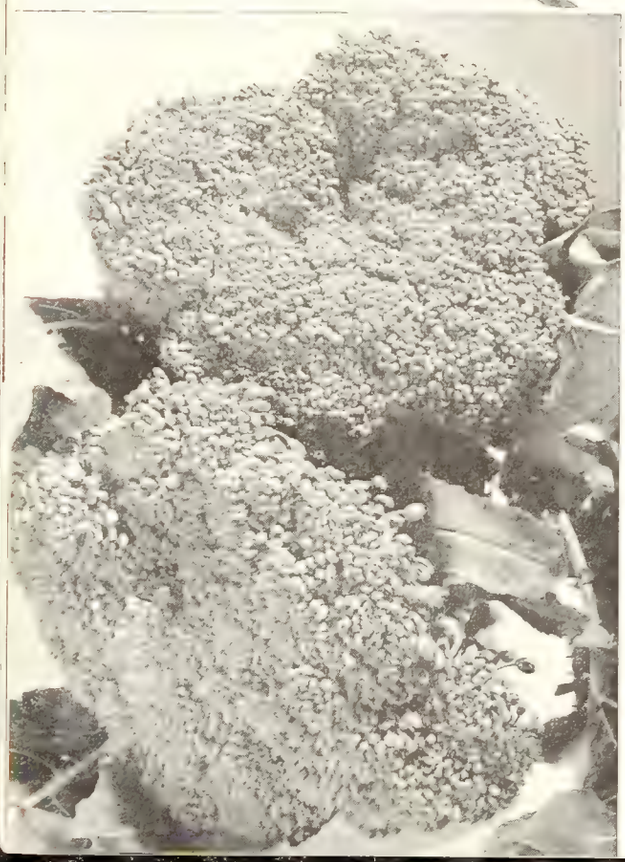


Broccoli, Earligreen

Brussels Sprouts, Long Island

Broccoli

241 Riviera. The improved Italian type. (In color on page 41.) Pkt. 25c; ½oz. 90c; oz. $1.75.

240 Earligreen. Produces a large center head in 65 days from planting. After the head is cut, however, the plant produces an enormous crop of lateral shoots of the same fine quality. Pkt. 35c; ½oz. $1.25; oz. $2.25.

Brussels Sprouts

242 Long Island Strain. A Special Dwarf Selection. This popular vegetable is easy to grow. The sprouts produced along the central stem resemble miniature cabbage heads. They have a delicious flavor, much more delicate than ordinary cabbage. Our strain produces compact plants that are liberally covered with solid sprouts. Ready 85 days from the setting out of the plants. Pkt. 25c; ½oz. $1.75; oz. $3

Cabbage

Culture: *For earliest crop, start seed in a hotbed in February. Transplant in April, 18 inches apart in rows and 2 feet between rows. For late crop start seeds in May or June outdoors in good, rich soil and transplant in July. Approximate maturity dates are given from time the plants are set out.*

Early Varieties

260 Early Jersey Wakefield. The Best First-Early Pointed-Head Cabbage. The heads are pyramidal in shape, having a blunt or rounded peak. It is beyond question the best variety for spring and early summer in the private garden. Its first appearance brings a welcome change from the hard-headed winter sorts, for Early Jersey Wakefield is attractive in appearance and essentially good in quality. 62 days. Pkt. 15c; oz. 65c; ¼lb. $1.95.

269 Golden Acre. Round Heads of Fine Quality. A wonderful cabbage for the home garden because the plants are very compact and there are few outer leaves. The heads are of very convenient size for the average family, with an average weight of 3 pounds and with a diameter of 6 inches. Heads of this size are ready for the table within 64 days from the setting out of the plants. Practically every plant produces a perfect head of the finest quality. Pkt. 15c; oz. 75c; ¼lb. $2.25.

Midseason Varieties

274 Succession. The Most Celebrated Second-Early Cabbage. We offer the fine original strain that is noted for its uniformity in the size and shape of the heads. The average head weighs 8 pounds and measures 8 inches deep and 10 inches across. The interior is very solid and compact and is well covered by the closely folded top leaves. The plants are of medium large size, with spreading outer leaves and short stems. It has good storage qualities. 80 days. Pkt. 15c; oz. 65c; ¼lb. $1.95.

253 Hybrid Succession. (Described on page 29.) Pkt. 35c; 3 pkts. $1.

251 Bonanza. The Sensational Long-Season Cabbage. Ideal for the Home Gardener, Profitable for the Market Grower. The heads of this remarkable new cabbage will stay in perfect condition in your garden for two to three weeks. There's no more wastage, no more having to cut more heads than you need at one time. The explanation is that Bonanza makes a firm head early in the season and continues to grow until its maximum size of 4 pounds or more is reached. The heads are 6 to 7 inches in diameter and almost round. They have a very short core and slender ribs, so that all you cook is tender, delicious cabbage. The heads are ready for use in about 70 days from the setting out of the plants. Pkt. 25c; oz. $1.50; ¼lb. $4.50.

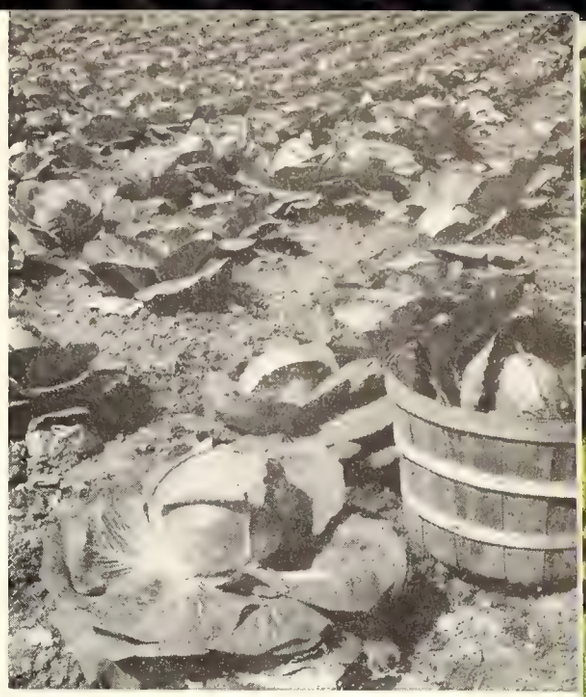
Late Varieties

258 Danish Ballhead. This short-stem type is popular on account of the great solidity and weight of the heads. It is a strong, vigorous grower, producing large, round, compact heads, almost as hard as iron, weighing, when trimmed, fully one-fourth more than any other cabbage of equal size. In consequence, it keeps in condition until spring. 100 days. Pkt. 15c; oz. 85c; ¼lb. $2.55.

268 Late Flat Dutch. Produces very large, round, flattened heads; very uniform, firm and hard. A reliable header even under unfavorable conditions and is one of the best late fall and winter-keeping cabbages. 105 days. Pkt. 15c; oz. 65c; ¼lb. $1.95.

250 American Drumhead Savoy. The savoy cabbages differ from all others in the peculiar crumpled character of the leaves. Although excellent at any season of its growth, the savoy cabbage is never at its best until touched by frost. 88 days. Pkt. 15c; oz. 85c; ¼lb. $2.55.

270 Mammoth Rock Red. A large-growing, select strain, producing very solid heads weighing 10 to 12 pounds each; color, intense dark red. 95 days. Pkt. 20c; oz. $1; ¼lb. $3.



Cabbage, Golden Acre

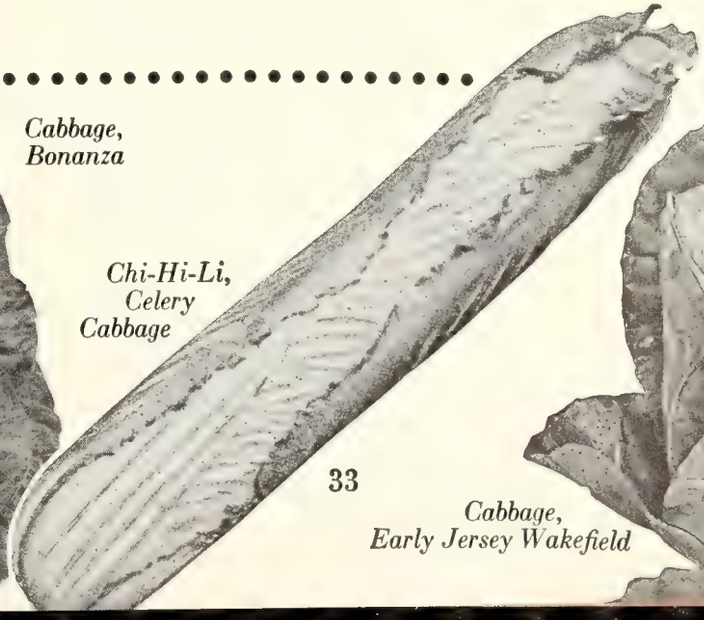
Cabbage, American Drumhead Savoy

Chinese Cabbage

Also called CELERY CABBAGE

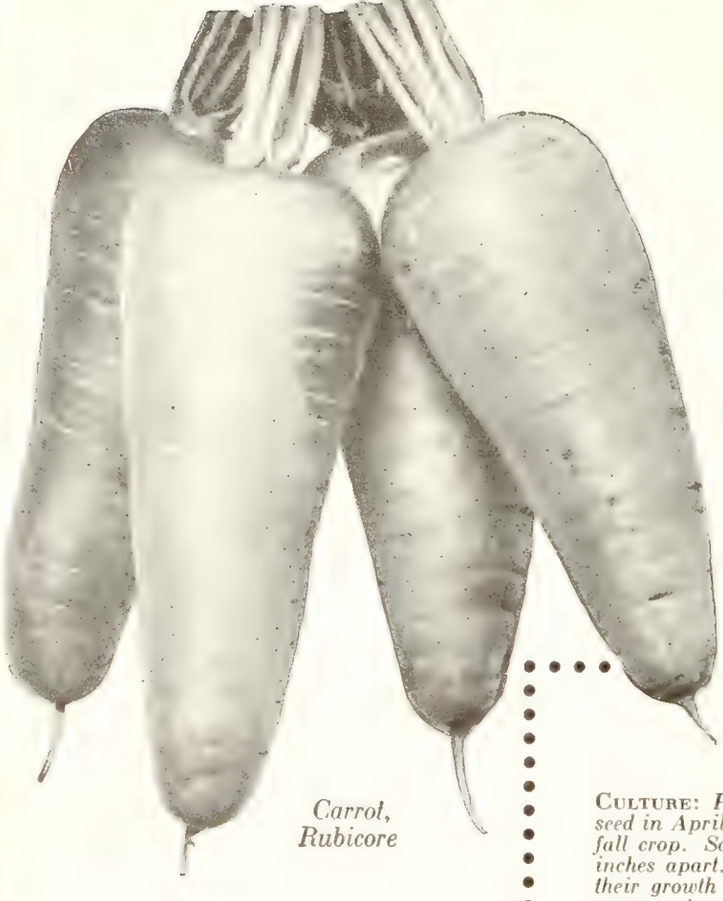
257 Chi-Hi-Li. This variety is the most popular of any of the Chinese types and very dependable in heading. The heads are 18 to 20 inches in length, 3 to 4 inches thick at the base and taper slightly near the top or tip. They are very solid, well blanched, crisp and of a delicious flavor. Ready 70 days from seed sowing. Pkt. 15c; oz. 75c; ¼lb. $2.

Cabbage, Bonanza



Chi-Hi-Li, Celery Cabbage

Cabbage, Early Jersey Wakefield



Carrot, Rubicore

Cauliflower, Snowball

Carrot, Coreless

Carrots

CULTURE: *Prefers a deep, mellow soil. Sow seed in April for an early crop or in July for a fall crop. Sow seed ½ inch deep in rows 12 inches apart. Thin out to 3 inches apart. If their growth is checked, carrots split and become rooty. To avoid this, water them thoroughly during a drought.*

292 Coreless. The Most Popular of All Home-Garden Carrots. Its beautiful appearance alone wins favor for it wherever grown. Besides, its coreless, rich red-orange flesh possesses a sweet, melting tenderness that appeals even to those who are not fond of carrots. The shape is cylindrical, stump rooted, about 6 inches long. It is clean skinned, smooth and very early. 68 days. Pkt. 15c; oz. 75c; ¼lb. $2.25.

300 Nantes Half-Long. A shapely, stump-rooted variety of medium size, and one of the best for private gardens for summer use; medium early. 68 days. Pkt. 15c; oz. 65c; ¼lb. $1.95.

305 Rubicore. A superb carrot for the home garden as well as for those growing for local trade and for shipping to more distant markets. Roots are deep orange-red with an indistinct core nearly the same color as the surrounding flesh, 6 inches long and 2½ inches at the shoulder, tapering to a blunt end. 72 days. Pkt. 20c; oz. 75c; ¼lb. $2.25.

310 Tendersweet. The Sweetest, Tenderest and Hardiest Carrot Grown. An outstanding sort for the home gardener because it represents quality at its zenith. The plant is distinct, the leaf stalks dark purplish green. The roots when fully matured average 8 to 10 inches long. They taper slightly from shoulder to a blunt end. 80 days. Pkt. 20c; oz. 65c; ¼lb. $1.95.

289 **California Bunching.** An excellent variety for the home gardener because of its attractive appearance and high quality. The roots are about 8 inches long, slightly tapered, and at maturity practically cylindrical and stump rooted. The skin is smooth, deep orange in color. The flesh is of fine grain and exceptionally sweet. 77 days. Pkt. 15c; oz. 65c; ¼lb. $1.95.

290 Chantenay. A popular favorite for its rich orange-red color, its fine-grained flesh, its superb flavor. Fully developed, it averages 6 inches in length, is broad at the neck and narrows gradually to a round, blunt base. In the latitude of New York, it may be sown in the latter part of April for the early crop and from June 1 to 20 for the main crop. 70 days. Pkt. 15c; oz. 55c; ¼lb. $1.65.

294 Danvers Half-Long. A dependable, handsome, half-long, cylindrical, stump-rooted carrot of a rich dark orange color. It grows to a large size, is smooth, and the flesh is very close in texture, with very little core. It is a first-class carrot for all soils and has yielded 25 to 30 tons per acre, with the smallest length of root of any now grown. More easily harvested than the longer types and excellent to store for winter use. 75 days. Pkt. 15c; oz. 55c; ¼lb. $1.65.

303 Imperator. This carrot is long and smooth, with deep orange color, and is uniformly tapered to a semi-blunt end. Flesh is fine grained, tender and of excellent quality. 77 days. Pkt. 15c; oz. 60c; ¼lb. $1.75.

Cauliflower

CULTURE: *Although cauliflower may be grown as easily as cabbage, we urge those who are not familiar with its cultivation to ask for our free pamphlet, "Cultivation of the Cauliflower."*

323 Snowball. Incomparably the Best for Spring or Fall Crops. An Excellent Forcer. Beyond question, THE FAMOUS SNOWBALL is the perfect cauliflower for the American gardener. In most sections of the United States the best and most satisfactory crop is grown from seed sown outdoors about May 20 and transplanted during July, so that the plants make their best growth during the cooler months. Ready about 65 days from plant setting. Pkt. 30c; ½oz. $2.50; oz. $4.50.

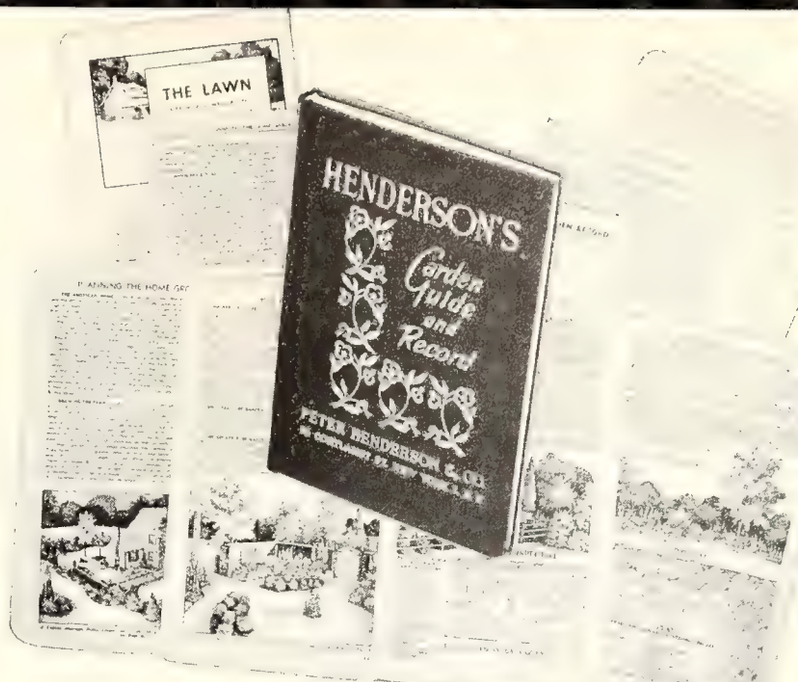
322 Primosnow. This is an ideal type. It possesses many of the characteristics of our famous Snowball—good form, good size, great depth, and above all, a beautiful snow-white, firm head free from riciness or leafiness. The plant is sturdy and the foliage of fine conformation, the inner leaves being incurved and giving ample protection to the developing flower. PRIMOSNOW is the earliest high-quality cauliflower that has ever been developed. It is ready to cut fully 8 to 10 days before Snowball. 55 days. Pkt 50c; ½oz. $3.25; oz. $5.75.

Henderson's

GARDEN GUIDE AND RECORD

Nearly three million copies of this helpful 112-page book have been distributed to our gardening friends. Tells you what, where, when and how to plant. Also articles on Lawn Making, Garden Building, latest storage methods and a wide variety of garden subjects. Several pages for your garden records.

FREE!! THIS VALUABLE BOOK IS SENT FREE WITH ALL ORDERS AMOUNTING TO $5 OR OVER IF REQUESTED.

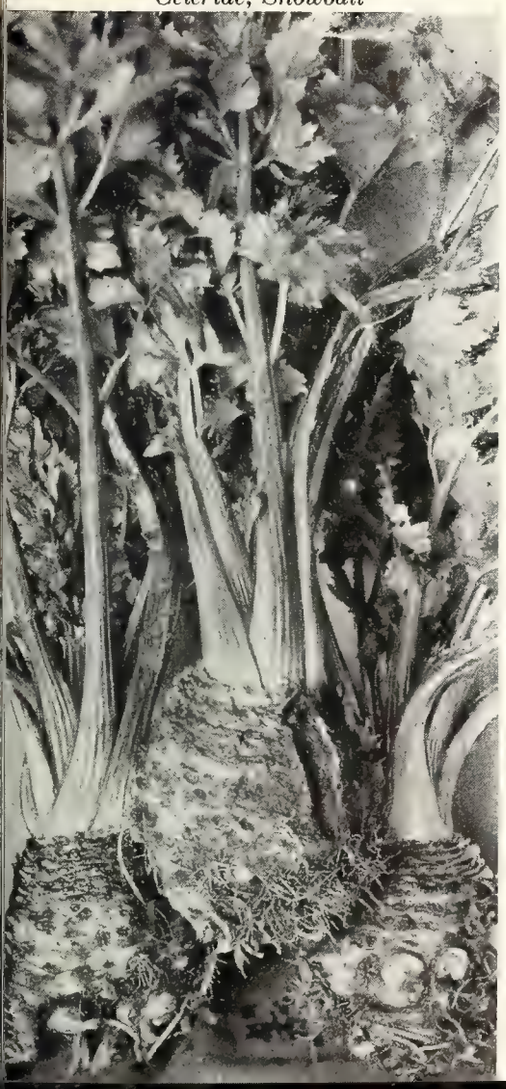


Celeriac

TURNIP-ROOTED CELERY

358 Snowball. The smooth, round, turnip-like roots average 3 inches across. The flesh is snowy white, and it has the flavor of delicious nutty celery. Celeriac may be served in a great number of ways. It is highly relished in salads and soups. 110 days from plant setting. Pkt. 15c; oz. $1; ¼lb. $3.

Celeriac, Snowball



Celery

CULTURE: *Sow seeds as soon as frost is out of ground, about ¼ inch deep. When seedlings are 4 inches high, they should be cut back about 1 inch and transplanted into well-enriched soil. Set plants 6 inches apart in rows 3 feet apart.*

339 Golden Plume, Special Strain. The First Early Celery Par Excellence. Requires no banking. When fully matured is most inviting. The foliage is creamy yellow and the stalks creamy white, becoming almost white at the base. It is entirely devoid of any ribs or fibre and is brittle, tender and deliciously flavored. Its earliness, vigor, freedom from disease, large size, attractive appearance and high quality commend it to all growers. 85 days from setting out the plant. Pkt. 25c; ½oz. $1.25; oz. $2.50; ¼lb. $7.50.

332 Easy Blanching. A Favorite Second-Early Variety. It bleaches earlier and more quickly than any of this class. The plant is of medium height and great vigor, having thick rather than broad stalks, with shallow ribs. The leaves are slightly crumpled, distinguishing it from any other variety. Its quality is superb. The stalks are tender and brittle and the flavor extremely spicy and aromatic. 110 days. Pkt. 20c; ½oz. $1.35; oz. $2.25; ¼lb. $6.50.

346 Summer Pascal. An early green celery of fine quality. Stalks are thick and tender even when unblanched. The outer stalks are of good flavor. The plant is sturdy, robust, not tall and blanches to pure white. Popular where early green celery is in demand. 115 days. Pkt. 25c; ½oz. $1.50; oz. $2.50; ¼lb. $7.50.

336 Giant Pascal. A desirable long-keeping green winter celery. Robust, healthy, about 2 feet high, making broad, thick, stringless stalks and large hearts. It blanches to a pearly white, and the stalks are extremely brittle, stringless and crisp. Flavor unsurpassingly rich and nutty. 140 days. Pkt. 15c; ½oz. 90c; oz. $1.50; ¼lb. $4.50.

Celery, Summer Pascal

What's Better than FRESH SWEET CORN

CULTURE: *Sweet or sugar corn may be either planted 1 inch deep in rows 3 or 4 feet apart, with the seeds placed about 8 inches apart in the rows, or planted in hills at distances of 3 or 4 feet each way, according to the size of the variety grown. The taller the variety, or the richer the soil, the greater should be the distance apart. Make first plantings in this vicinity about the Middle of May, and plant every two or three weeks until the last week in July. In more southerly latitudes planting is begun earlier and continued later. 1 lb. for 150 hills; 12 to 15 lbs. per acre.*

Corn, Honey Cross

Sweet Corn

Hybrid Varieties

Exceptionally Vigorous and Resistant to Stewart's Disease.

127 Honey Cross. One of the sweetest hybrid corns for the home garden and for market. Ears are long, 12 to 14-rowed, with light cream-yellow, medium broad kernels. Resistant to disease. 72 days. Pkt. 20c; ½lb. 55c; lb. $1; 5 lbs. $4.75.

117 Golden Succession. The first picking is ready in 74 days and, because of the spread in maturity, successive pickings are made over a period of about 10 days or more, thereby providing a continuous supply of the choicest sweet corn from one planting. The plants are sturdy, vigorous, 6 to 6½ feet tall and very productive. Ears are about 8 inches long, with 12 rows of deep yellow kernels. Excellent quality. Pkt. 20c; ½lb. 50c; lb. 95c; 5 lbs. $4.50.

128 Marcross. When planted at the same time as Golden Cross Bantam, Marcross will be ready for use about 10 days earlier. The ears are practically as long as the ears of Golden Cross Bantam and have 10 to 14 rows of kernels. The quality is superb. Matures in approximately 74 days. Pkt. 20c; ½lb. 45c; lb. 85c; 5 lbs. $4.

138 Sunlite. The earliest yellow hybrid sweet corn. (In color on page 41.) Pkt. 25c; ½lb. 55c; lb. $1; 5 lbs. $4.75.

112 Flagship. A first-quality hybrid corn growing 7½ feet high and averaging two perfect 8-inch ears to a stalk, each with 12 to 15 rows of large, tender, exceptionally sweet kernels. The tight husks resist earworm. 82 days. Pkt. 20c; ½lb. 55c; lb. $1; 5 lbs. $4.75.

125 Golden Cross Bantam. Remarkably welt resistant and has shown an unusual capacity to withstand unfavorable weather conditions. The ears are most uniform and attractive. They average 8 to 9 inches in length and are well filled to the tips with 10 to 14 rows of golden yellow kernels. The kernels are deep, tender and sweet and retain their good table quality for a longer period than most sorts. 85 days. Pkt. 20c; ½lb. 45c; lb. 85c; 5 lbs. $4.

105 Cream-O-Gold. (See outside back cover.) Pkt. 25c; ½lb. 60c; lb. $1.10; 5 lbs. $5.25.

126 Hybrid Evergreen (White.) Exceptionally vigorous and productive. The delicious snow-white ears are about 8½ inches long, with 16 to 18 rows of kernels which are fairly deep. 96 days. Pkt. 20c; ½lb. 45c; lb. 85c; 5 lbs. $4.

Corn, Flagship

from your own garden?

132 Sugarsweet. The Best Early White Variety. The dainty snow-white ears grow to a length of 5 to 6 inches, and each ear has an ample stem or handle, which should be left on when cut, so that when served at the table the ear will be more convenient to hold. The dwarf size of 4 feet enables the suburbanite to raise MORE CORN ON THE SAME SPACE OF GROUND. It is one of the very few varieties that will thrive well in city backyards. Pkt. 15c; ½lb. 35c; lb. 65c; 5 lbs. $3.

130 Stowell's Evergreen. The Best Late White Variety. Long recognized everywhere as a standard variety for both home use and market and is a general favorite. The ears are of large size; grains deep, exceptionally tender and sugary and with the advantage of remaining longer in the green state than any other. Our stock has been carefully grown and selected. 94 days. Pkt. 15c; ½lb. 35c; lb. 60c; 5 lbs. $2.75.

Sweet Corn

Open Pollinated Varieties

119 Golden Bantam. A dwarf, medium-early variety of exceptionally good quality and reliability. It has become one of the most popular varieties in our list. This is the original, deliciously flavored strain which has made the yellow-kerneled type of sweet corn so greatly desired. Our stock is selected for uniformity and quality. 79 days. Pkt. 15c; ½lb. 35c; lb. 60c; 5 lbs. $2.75.

107 Country Gentleman. Plump, Pearl-White, Milky Kernels, Fairly Melting in the Mouth. Of nectar-like sweetness, luscious, tender and milky and remains "in the milk" longer than other sweet corn. The ears measure 8 to 9 inches in length, and the plant is very prolific, often producing three ears to a stalk. It is a slow-maturing variety and arrives at full perfection just in time to succeed the earlier varieties. 92 days. Pkt. 15c; ½lb. 35c; lb. 60c; 5 lbs. $2.75.

139 White Midget. Grows about 30 inches tall, with two to five ears 4 inches long on each stalk. Kernels are white and delicious. 55 days. Pkt. 50c; ½lb. $1.

Chicory, Witloof

140 Golden Midget. A golden yellow form of midget corn with delectable ears and plants that answer the same description as the preceding. 55 days. Pkt. 50c; ½lb. $1.

Cardoon

280 Large Spanish. Large, fleshy-leaved plants, used as a winter vegetable. The blanched stalks and ribs of the inner leaves are tender and have an agreeable flavor when cooked. Pkt. 25c; oz. $1.

Chervil

360 French Curled. The young aromatic leaves are much used in soups and salads. 60 days. Pkt. 20c; oz. 90c; ¼lb. $2.75.

Chicory

365 Large-Rooted. The "Barbe de Capucin" of the French. Very easy to grow and is also used in the summer as greens. Roots mature in four to five months. Greens are ready in 55 days. Pkt. 20c; oz. 90c; ¼lb. $2.75.

367 Witloof. Also called "French Endive." The roots grown in the garden are easy to force in any warm cellar or room. 150 days. Pkt. 25c; oz. $1; ¼lb. $3.

Collards

370 Georgia. A tall, loose form of cabbage. 75 days. Pkt. 15c; oz. 35c; ¼lb. $1; lb. $2.25.

Corn Salad

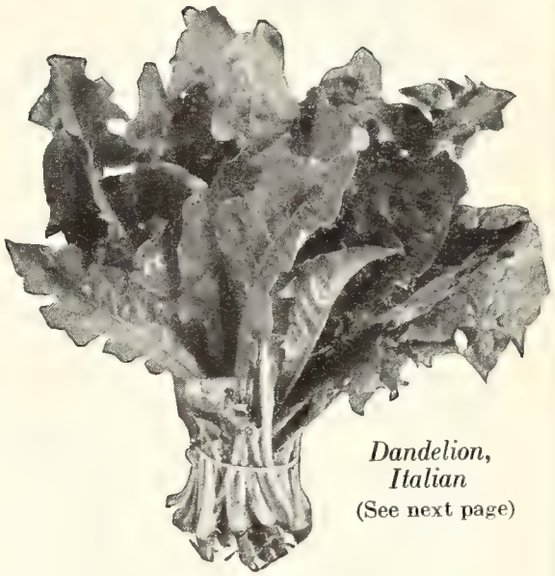
375 Large Leaved. Hardy plants for late fall, winter and spring use. They form rosettes of tender, edible leaves. 45 days. Pkt. 20c; oz. 90c; ¼lb. $2.50.

Cress or Pepper Grass

380 Extra Curled. Crisp, pungent leaves used as a condiment and for garnishing. 45 days Pkt. 15c; oz. 50c.

384 Water Cress. It must be grown in moist locations. 180 days. Pkt. 25c; ½oz. $1.25; oz. $2.00.

Corn, Hybrid Evergreen



Dandelion, Italian

(See next page)

Yellow Hybrid Sweet Corn

COLLECTION

SUNLITE. Extra-early. MARCROSS. Early.
GOLDEN CROSS BANTAM. Midseason.

136-A	1 pkt. each of 3 sorts (75 hills)	50c
136-B	½lb. each of 3 sorts (180 hills)	$1.35
136-C	1 lb. each of 3 sorts (360 hills)	$2.40

Cucumber, Improved Early White Spine

Cucumber

CULTURE: *Seed should be sown in hills leveled to the size of a dinner plate and should be flat with the ground unless the land is over-moist, in which case the hills may be 3 inches above the ground level. The hills should be 4 feet apart each way. Planting should be done after mid-May in the New York area, with successive plantings at two-week intervals until mid-July. Thin to 3 plants to each hill. A packet of seed will plant about 15 hills, or an ounce 50 hills.*

416 The Henderson. Extra Early; Prolific. (In color on page 41.) Pkt. 15c; oz. 40c; ¼lb. $1.20; lb. $3.25.

397 Marketer. Dark green right down to the blossom end. The average fruit is 7¾ inches in length and 2¼ inches in diameter. Crisp, icy-white flesh. 65 days. Pkt. 15c; oz. 45c; ¼lb. $1.25; lb. $3.75.

417 Palmetto. Typical fancy fruits are 8 to 9 inches in length and a rich dark green in color. The seed cavity is small and the interior flesh is sparkling white, crisp and solid. The flavor is excellent. Yields compare most favorably with other varieties; but when mildew strikes, Palmetto will continue to produce long after other varieties are ruined. 72 days. Pkt. 25c; 3 pkts. 65c.

398 Improved Early White Spine. Straight cucumbers about 8 inches long, narrowing at the ends and characterized by prominent lines at the blossom end. 58 days. Pkt. 15c; oz. 40c; ¼lb. $1.20; lb. $3.25.

415 Straight Eight. Early and very productive. The fruits are 8 to 9 inches long and about 1½ inches in diameter, well rounded at the ends, uniformly cylindrical in shape. When ready for use, deep green in color, free from striping. The flesh is tender, crisp and of fine flavor. 66 days. Pkt. 15c; oz. 40c; ¼lb. $1.20; lb. $3.25.

411 Longfellow. Fruits 12 to 14 inches long, of a beautiful dark olive-green color. 72 days. Pkt. 15c; oz. 45c; ¼lb. $1.35; lb. $3.75.

Cucumbers for Pickles

402 Extra-Early Green Prolific. An early strain of the Green Prolific type but far more productive. 55 days. Pkt. 15c; oz. 40c; ¼lb. $1.20; lb. $3.25.

413 National Pickling. Just as firm after pickling as before. It is early maturing, very productive and uniform in shape and color. 55 days. Pkt. 15c; oz. 35c; ¼lb. $1.10; lb. $3.20.

412 Long Green. The best variety for big yellow mustard pickles. 70 days. Pkt. 15c; oz. 40c; ¼lb. $1.20; lb. $3.25.

Dandelion

Dandelion is claimed to be one of the most healthful salad plants. Large quantities of the Italian type are grown in coldframes by market growers for early greens.

436 Italian (Ciccoria Catalogna). Sometimes called Asparagus Chicory. Resembles common dandelion, but its leaves are more upright. 95 days. Pkt. 20c; oz. $1.50.

Eggplant

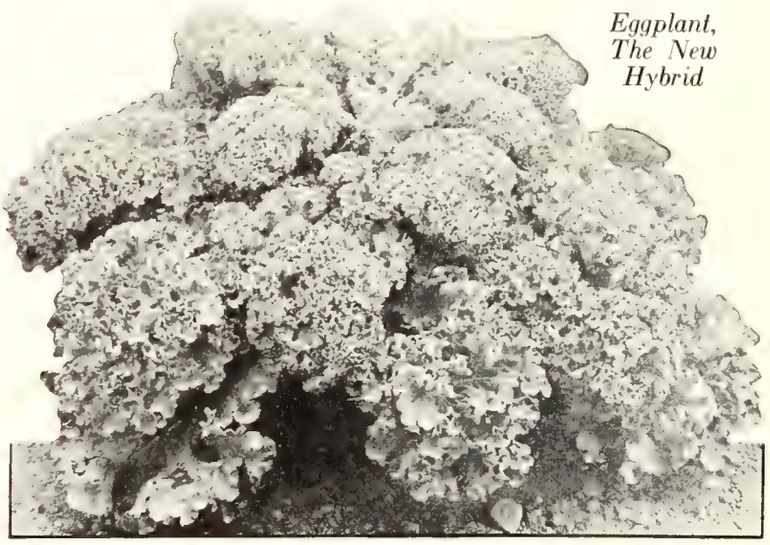
CULTURE: *Sow seed ½ inch deep in hotbed or greenhouse in March or April; when an inch high, put in 2 or 3-inch pots. Plant indoors late in May.*

451 The New Hybrid. This first-generation eggplant hybrid surpasses commercial varieties in many important respects. The plants are tall, semi-spreading and vigorous. Plants yield a good crop of fruit over an extended period, in most cases borne high enough to keep them from touching the ground. The fruits are oval, medium size and dark purple. Especially resistant to drought and disease. Pkt. 35c; 3 pkts. 90c.

446 Black Beauty. An early variety, handsome, large and of great merit. A prolific producer of uniformly large, purple-black fruits of fine quality. 80 days. Pkt. 20c; oz. $1.40; ¼lb. $4.50.

450 New York Spineless. The plant is of low growth with vigorous, branching habit, strong enough to support its massive fruits and compact enough to economize space. It is very prolific, the plants usually bearing 8 to 10 immense fruits of superb quality before being killed by the frost. An ideal exhibition variety. 80 days. Pkt. 15c; oz. $1.25; ¼lb. $4.

Leek, American Flag



Eggplant, The New Hybrid

Kale, Dwarf Curled

Endive

CULTURE: *Sow during March or April in hotbed or coldframe. Cover seed ½ inch and transplant 1 foot apart in open ground in April or May. For late crop sow in June and July and transplant 1 foot apart each way. 1 oz. for 3000 plants.*

457 Golden Heart Summer. Attractive, very compact plant. As it develops, the center changes from green to a beautiful creamy yellow, giving it a most inviting and appetizing appearance, as if artificially blanched. The leaves, which are crisp and tender, have a nutty flavor. Pkt. 20c; oz. 50c; ¼lb. $1.50.

453 Broad-Leaved Batavian (Escarolle). Broad, fleshy leaves, forming a large heart; makes excellent winter salad. It is also boiled as greens. 90 days. Pkt. 15c; oz. 35c; ¼lb. 95c; lb. $2.75.

454 Deep Heart-Fringed. The hearts are closely packed with well-blanched, fine leaves. The plants often reach a diameter of about 12 inches and a depth of 7 inches or more. 90 days. Pkt. 15c; oz. 40c; ¼lb. $1; lb. $3.

459 Green Curled. The best for general use, easily blanched by covering the full-grown plants with boards. Good results come from spring sowing and even better when treated as a fall crop. Pkt. 15c; oz. 35c; ¼lb. 95c; lb. $2.75.

Leek

CULTURE: *Sow early in April or May, in drills 18 inches apart; cover the seed ½ inch deep. Plants should be thinned to stand 4 to 6 inches apart in the row. For very early crop the seed may be started in coldframe or hotbed in February or March and when large enough transplanted as deep as possible without covering the center leaves, so that the neck may be blanched. 1 oz. will sow 100 ft. of drill.*

480 American Flag. Best variety for general use and largely grown for fall and early winter. Quick, strong growth, producing long stems of uniform shape and size, averaging 2 inches through by 10 inches long. Blanches beautifully white; fine, mild flavor. 150 days. Pkt. 20c; oz. $1; ¼lb. $3.

Kale

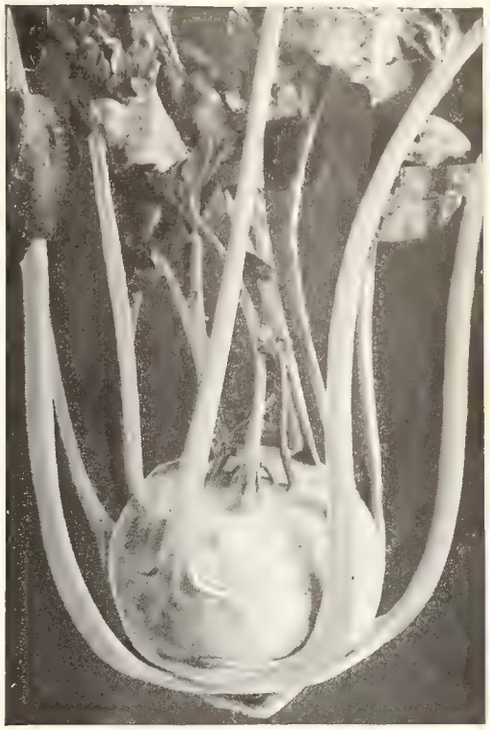
CULTURE: *If wanted for use in late fall or early winter, sow ½ inch deep in June and transplant middle of July, 2 feet apart in rows 2 feet apart. If needed for spring use, sow in April. 1 oz. for 2000 plants or 150 ft. of drill.*

464 Dwarf Curled or Blue Scotch. Largely grown for supplying greens during the fall, winter and spring. Also used small, like spinach, and for garnishing. The plants are hardy above zero; frost improves the quality. The leaves are very large, deeply curled and fringed, and of that desirable rich bluish green color. Plants are of very dwarf, even growth, the leaves hugging the ground so that they are not broken off by heavy wet snow. 60 days. Pkt. 15c; oz. 50c; ¼lb. $1.50; lb. $4.

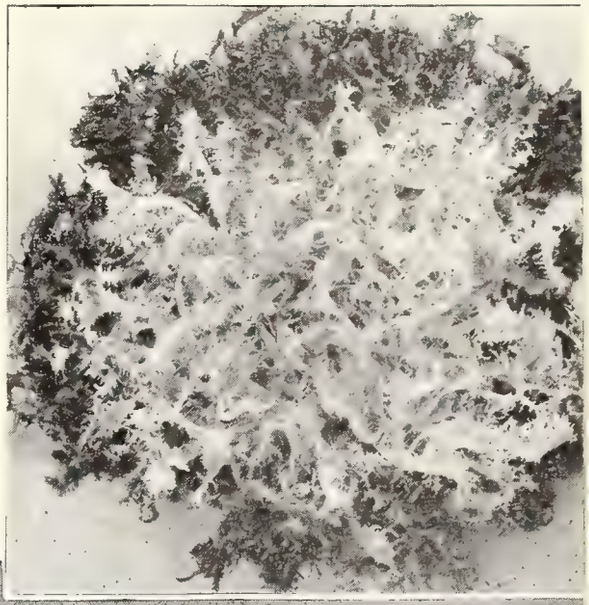
Kohlrabi

CULTURE: *Seeds may be started in hotbed or coldframe during February or March and plants set out 1 foot apart in rows 2 feet apart in April or May. Or sowings may be made in the open ground where the plants are to grow in April or May and for fall use in July. Cover the seeds ½ inch. 1 oz. for 2000 plants.*

473 Early Short-Leaved White Vienna. Extremely tender, with the flavor of both turnip and cabbage. The bulbs are large enough to be eaten in 7 to 8 weeks from sowing, and as they are more tender and delicately flavored before full maturity, it is advisable to make successive sowings. 55 days. Pkt. 15c; oz. $1; ¼lb. $2.75.



Kohlrabi, Early White Vienna



Endive, Golden Heart Summer

EVERY ITEM IS PREPAID SEND NO POSTAGE

Cucumber, Long Green

Lettuce, New York

Lettuce

CULTURE: *For early crops start the end of February in a coldframe or indoors in a seed box at a sunny window. Cover the seed not over ⅛ inch. Seedlings should be ready for setting outdoors in April. Set the plants 1 foot apart in rows 18 inches apart. Seed may also be sown during April or May. For a fall crop, sow seed in August.*

Leaf Varieties

509 Bronze Beauty. Tender, crisp and of unusually tasty, nutlike flavor. The finest, most colorful and most delicious leaf lettuce for the home garden. Easy and quick to grow—ready for the table about 40 days after seeding. The plants are vigorous, well formed, uniform in height and resistant to hot weather. The leaves are long, neatly arched and with margins deeply lobed and scalloped. Their color, too, is entirely new—a warm ruddy bronze sheen completely suffuses the soft green undertone. Pkt. 25c; oz. 95c.

507 Slobolt. It withstands summer temperatures without going to seed for two or three weeks longer than Grand Rapids or Black-seeded Simpson. Slobolt has light green leaves that are well frilled and savoyed. They are exceptionally tender and flavorsome. If only the basal leaves are used as they reach a desirable size, lettuce may be harvested from the plants over a period of several weeks. 43 days. Pkt. 20c; oz. 70c; ¼lb. $2.

508 Grand Rapids. It forms no head but produces an abundant crop of pale green leaves, slightly but closely crumpled, which even when old retain their characteristic sweetness and brittleness. 42 days. Pkt. 15c; oz. 40c; ¼lb. $1.15; lb. $3.25.

496 Black-Seeded Simpson. It stands the summer heat splendidly and is practically everbearing, for as the leaves are picked, new leaves will grow. 45 days. Pkt. 15c; oz. 35c; ¼lb. 90c; lb. $2.50.

525 Oakleaf. (In color on page 42.) The leaves are small and tender, deep green. A fine summer lettuce. 40 days. Pkt. 20c; oz. 75c; ¼lb. $2.25.

Lettuce, Big Boston

Lettuce

Heading Varieties

520 New York. Appetizing and Zestful—Crystal White. *The King of the Main-Crop Head Lettuce.* Produces immense heads, often 10 or 12 inches across and weighing enormously. The interior is beautifully blanched, white, crisp, tender and delicious. A very large, robust variety, resisting hot, dry weather; very slow to run to seed and a sure header. 80 days. Pkt. 15c; oz. 50c; ¼lb. $1.35; lb. $4.

519 Great Lakes. A summer lettuce. It stands heat and sun, is remarkably slow to throw up a seed stalk and is also very resistant to tip-burn. The heads are of medium size, solid and crisp. 80 days. Pkt. 25c; oz. $1; ¼lb. $3.

505 Progress. Progress has everything the home gardener wants in a head lettuce. Heads delightfully crisp, solid, good size. It is early, rich dark green, attractively savoyed. Plants slow to bolt to seed. 82 days. Pkt. 25c; oz. 95c; ¼lb. $2.85.

492 Big Boston. This popular variety may be sown outdoors for early summer or fall use or sown in frames for spring, and forced cool for winter use. The large, creamy white heads are packed with blanched, sweet, tender leaves. 76 days. Pkt. 15c; oz. 35c; ¼lb. 95c; lb. $2.85.

499 Early Butternut. An improved Butterhead type fine for forcing. One of the earliest-maturing varieties. The compact, creamy white heads also mature rapidly in the open ground. 66 days. Pkt. 20c; oz. 60c; ¼lb. $1.75.

527 Tenderhead. Heads small and compact. Slow to run to seed. Its delicious flavor and tender texture make this variety outstanding. 66 days. Pkt. 15c; oz. 45c; ¼lb. $1.25.

518 Mignonette. The best for early spring use. The heads are small, deliciously sweet, creamy white. Extremely hardy and very slow to go to seed. 66 days. Pkt. 15c; oz. 50c; ¼lb. $1.50; lb. $4.

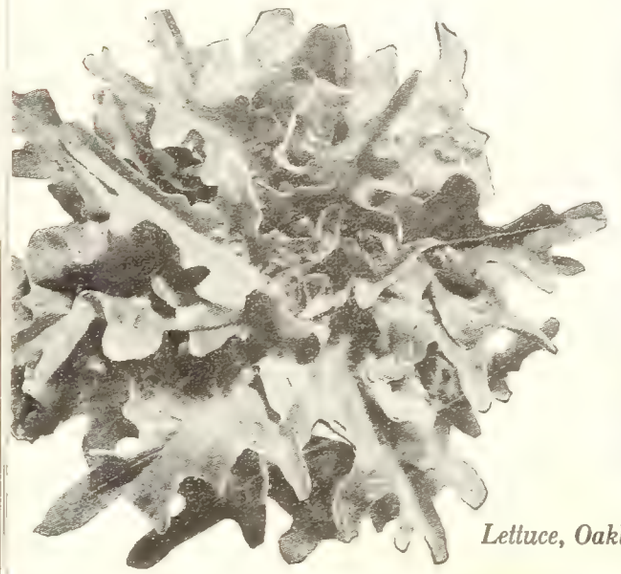
493 Bibb. An early, small-headed, tender, dark green lettuce. The heads blanch to cream. Recommended for early spring planting. The quality is excellent, and it is in demand by the luxury hotels. 57 days. Pkt. 20c; oz. 75c; ¼lb. $2.25.

SULPHUR, WETTABLE. An improved form of dusting sulphur which suspends immediately. Lb. 20c; 5 lbs. 80c; 10 lbs. $1.50; 25 lbs. $3.25.

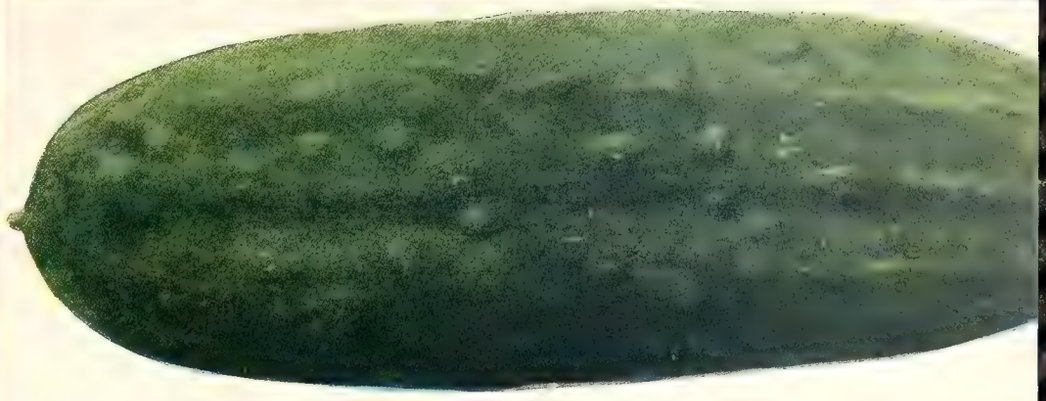
Romaine or Cos Lettuce

526 Trianon Cos. The long, spoon-shaped leaves form oval-shaped heads. Romaine lettuce may be used to advantage where the heading varieties do not succeed, as almost the entire plant is tender and palatable. 70 days. Pkt. 15c; oz. 35c; ¼lb. $1; lb. $2.85.

528 Giant White Cos. The immense heart is crisp, tender and has an excellent flavor. The outer leaves are practically self-closing. Pkt. 20c; oz. 75c; ¼lb. $2.25.



Lettuce, Oakleaf



Four "Bests" from HENDERSON'S

138 SUNLITE *Corn*

The earliest of yellow hybrid sweet corns, Sunlite is high yielding. The 10 or 12-rowed ears are set with perfectly formed, yellow kernels that are as attractive to the eye as their luscious sweet flavor is to the palate. Matures in about 70 days after planting. Pkt. 25c; ½lb. 55c; lb. $1; 5 lbs. $4.75.

903 RICHMEAT *Tomato*

Almost seedless and practically coreless, Richmeat is the largest and best-flavored scarlet tomato. Vigorous in growth and drought-resistant, it produces smooth, oval-round fruits that frequently weigh up to 3 pounds. Should be spaced farther apart than ordinary varieties on account of its vigorous habit. A main-crop fruit, it ripens in 85 days. Pkt. 25c; 5 pkts. $1.

416 THE HENDERSON *Cucumber*

Extra early and extremely prolific, the large symmetrical fruits are an intensely rich deep green. Ideal for slicing, the flesh is firm, fine grained, sparkling white with a refreshing and delightful flavor. 68 days Pkt. 15c; oz. 40c; ¼lb. $1.20; lb. $3.25.

241 *Broccoli* RIVIERA

An improved Italian type valued for its tenderness and savory flavor. The easy-to-grow plant is about 3 feet high and has a branching character, each branch terminating in a green sprout. Start plants in a coldframe for early crop. Late crops may be started in the open ground 75 days. Pkt. 25c; ½oz. 90c; oz. $1.75.

...4 Top-Notchers

1 BOUNTIFUL *Bush Bean*

This flat, green-podded, stringless bean was introduced by us many years ago, and is in greater demand than any other variety in cultivation. Vigorous, almost immune to disease it is a heavy cropper of tender, deliciously flavored beans for the table, to can or to freeze. Pkt. 15c; ½lb. 40c; lb. 70c; 5 lbs. $3.25; 15 lbs. $7.75.

83 EMPIRE STATE *Pole Lima Beans*

For increased yield you'll find it hard to beat Empire State. The giant, 7-inch pods are borne in great clusters from the top to the bottom of the plant. Pods average 6 beans instead of the customary 4 or 5. They are uniformly large and fleshy, with a perfection of flavor that makes them as good for freezing as they are for the table. 82 days. Pkt. 35c; ½lb. $1; lb. $1.75.

676 CALIFORNIA WONDER *Pepper*

The large fruits often weighing up to a pound are meatier than any other variety ever introduced. The flavor is so mild, delicious and free from pungency that it may be eaten just like an apple. Ready in 72 days from the plant setting. Pkt. 20c; oz. $1.35; ¼lb. $3.75.

525 OAKLEAF *Lettuce*

The extremely tender, flavorful, deep green leaves resemble an oakleaf. This variety, introduced several years ago, has won a place in the home garden because of its ability to retain its quality even in ususually hot, dry summer weather. 40 days. Pkt. 20c; oz. 75c; ¼lb. $2.25.

Muskmelon or Cantaloupe

537 Granite State. Very early, orange fleshed and of high quality. Honey Rock type, but earlier. Oval in shape, with flatter, more open netting. Vines small and compact. Fruits average 5 to 5½ inches by 4 to 4½ inches. Especially recommended for northern sections. Pkt. 25c; oz. 90c.

534 Iroquois. The fruits resemble Bender's Surprise in appearance, but the flesh is thicker, darker orange and of even finer quality. In localities where fusarium wilt is troublesome, Iroquois is well worth a trial. 90 days. Pkt. 25c; oz. 60c; ¼lb. $1.80.

536 Bender's Surprise. Fruits large, round to oval in shape, distinctly ribbed and well netted. The flesh is thick, deep salmon color. Very sweet and of superior quality. 90 days. Pkt. 15c; oz. 45c; ¼lb. $1.35; lb. $3.50.

540 Hearts of Gold. The flesh is a rich, deep orange-scarlet in color, very fine grained and deliciously sweet. 94 days. Pkt. 15c; oz. 45c; ¼lb. $1.35; lb. $3.50.

546 Hale's Best. A salmon-fleshed type similar to Rocky Ford. It is oval in shape, slightly ribbed, well netted and grows larger than ordinary Rocky Ford. 85 days. Pkt. 15c; oz. 45c; ¼lb. $1.35; lb. $3.50.

550 Delicious. The earliest large melon in existence. Flesh deep salmon, colored, firm and deliciously sweet 83 days. Pkt. 15c; oz. 45c; ¼lb. $1.35; lb. $3.50.

557 Rocky Ford. The flesh is green, with a suggestion of pink at the seed cavity, which is peculiarly attractive. 91 days. Pkt. 15c; oz. 40c; ¼lb. $1.20; lb. $3.25.

542 Honeydew. The flesh is green, verging on creamy yellow, thick and succulent, with a very small seed cavity. 115 days. Pkt. 15c; oz. 45c; ¼lb. $1.25; lb. $3.50.

Mushroom Spawn

Pure Culture Bottle

590 Spawn Pure White. This spawn is made in bottles under absolutely sterile conditions, so that spores of other fungi, many of them poisonous, insect eggs, weed seeds and all other extraneous matter is excluded. One carton of this spawn equals 5 bricks of ordinary spawn and will spawn an area of about 40 square feet. We include full instructions with the spawn. Carton $1.40; 10 cartons $13.

Mustard

CULTURE: *Wholesome, vitamin-rich greens of easiest culture, thriving in good moist soil. Sow seed as early in the spring as weather permits and make successional sowings every 10 days until the weather gets hot. 1 oz. for 600 ft.*

586 Fordhook Fancy. The ordinary mustard plant is usually eaten as a salad only, but Fordhook Fancy is used cooked like spinach as well as eaten raw. 35 days. Pkt. 15c; oz. 30c; ¼lb. 90c; lb. $2.50.

803 Mustard Spinach. It has a most delicious flavor peculiarly its own and combines the qualities of both spinach and mustard. Pkt. 15c; oz. 30c; ¼lb. 80c; lb. $2.50.

Onion Sets

Sets are tiny bulblets grown from seed sown thickly last summer. They should be planted 2 inches deep and 2 inches apart for pulling onions and 4 inches apart for large ones. They will produce green bunch or pulling onions in 4 to 6 weeks—much quicker than from seed. They may be allowed to develop into full-size onions.

637 White. Lb. 55c; 4 lbs. $2.10; 8 lbs. $4.

639 Yellow. Lb. 50c; 4 lbs. $1.90; 8 lbs. $3.70.

645 Garlic Sets. Esteemed in cookery and salads. Lb. 75c.

Onion

CULTURE: *For an early crop, seed may be sown in coldframes in February or March, transplanting when large enough to handle in April or May. Regular open-ground sowing should be made about the latter part of April or early May in the latitude of New York, in soil that has been manured the previous year. Sow about ½ inch deep in rows 1 foot apart, and then thin out to 3 inches apart in the rows. 1 oz. to 100 ft. of drill.*

613 Prizetaker. The outer skin is rather pale yellow, the flesh pure white. It is extremely mild in flavor, very much esteemed for slicing, baking and boiling. 105 days. Pkt. 20c; oz. $1.10; ¼lb. $3.25; lb. $9.50.

607 Hardy White Bunching. An excellent scallion variety for spring or fall sowing. Plants will not form bulbs, but they produce long, smooth, pure white stems of perfect flavor and tenderness. 55 days. Pkt. 15c; oz. 95c; ¼lb. $2.75; lb. $8.50.

608 Early Yellow Globe. Deep yellow in color, and under favorable conditions matures 10 days to 2 weeks earlier than Southport Yellow Globe. 100 days. Pkt. 15c; oz. 85c; ¼lb. $2.50; lb. $7.50.

629 Yellow Globe Danvers. We have consistently adhered to the original type, which, but for a slight depression from top to bottom, is a perfect sphere, solid and good. 105 days. Pkt. 15c; oz. 85c; ¼lb. $2.50; lb. $7.50.

610 Barcelona. A selection obtained from our famous onion Espanola, although it is pure silvery white in color. It is also more of a true globe shape. The outer skin is silver-white and the inside is sparkling white, of fine texture, mild flavor and delicate tenderness. 105 days. Pkt. 20c; oz. $1.10; ¼lb. $3.25; lb. $9.50.

612 Espanola. Bulbs extremely large, almost globular; neck and root disc small and fine. Skin light yellow; interior fine grained; flavor mild. 110 days. Pkt. 15c; oz. $1; ¼lb. $3; lb. $9.

616 Hybrid Asgrow—Y-40. Hybrid vigor when applied to onion means additional earliness, hardiness, and uniformity, with heavier yields. Asgrow Y-40 is an early, mild, sweet onion of globular shape with a tan yellow skin and firm white flesh. Its hardiness means that the seed may be sown sooner than the older varieties. Ready in about 90 days. Pkt. 35c; 3 pkts. $1.

619 Southport White Globe. The flesh when cooked is of a rich, milky color, tender and of delicious flavor, and when eaten raw is the mildest of the three. 110 days. Pkt. 15c; oz. 95c; ¼lb. $2.75; lb. $8.50.

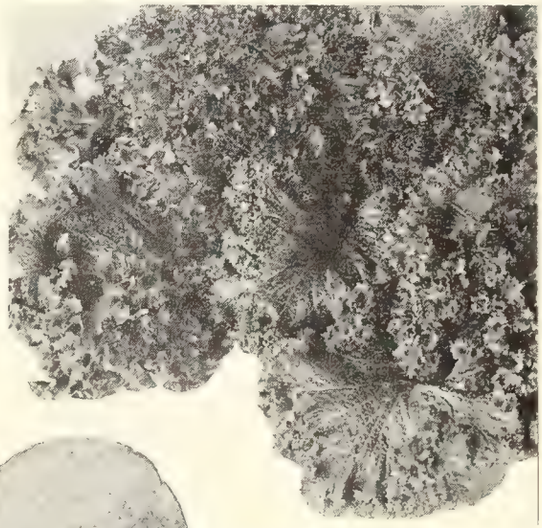
621 Southport Yellow Globe. The very best strain of yellow onion. The exterior color does not extend to the flesh. 110 days. Pkt. 15c; oz. 85c; ¼lb. $2.50; lb. $7.50.

617 Southport Red Globe. The outer skin is a rich purplish red, and the flesh is faintly tinged with the same color. A little stronger than the white and the yellow. 110 days. Pkt. 15c; oz. 85c; ¼lb. $2.50; lb. $7.50.

627 White Portugal. No variety yields more delicious scallions or young plants for salad purposes; none is more suited to boiling. 100 days. Pkt. 15c; oz. 95c; ¼lb. $2.75.

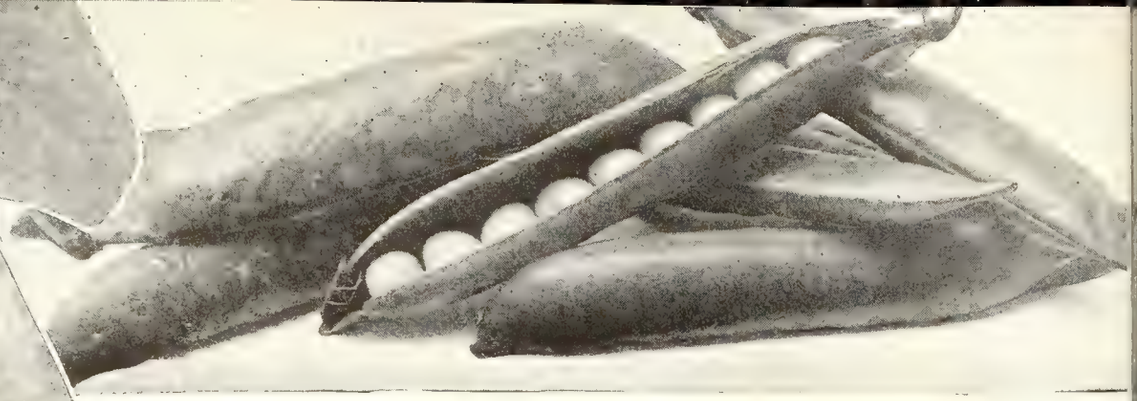
Onion, Early Yellow Globe

Onion, Barcelona

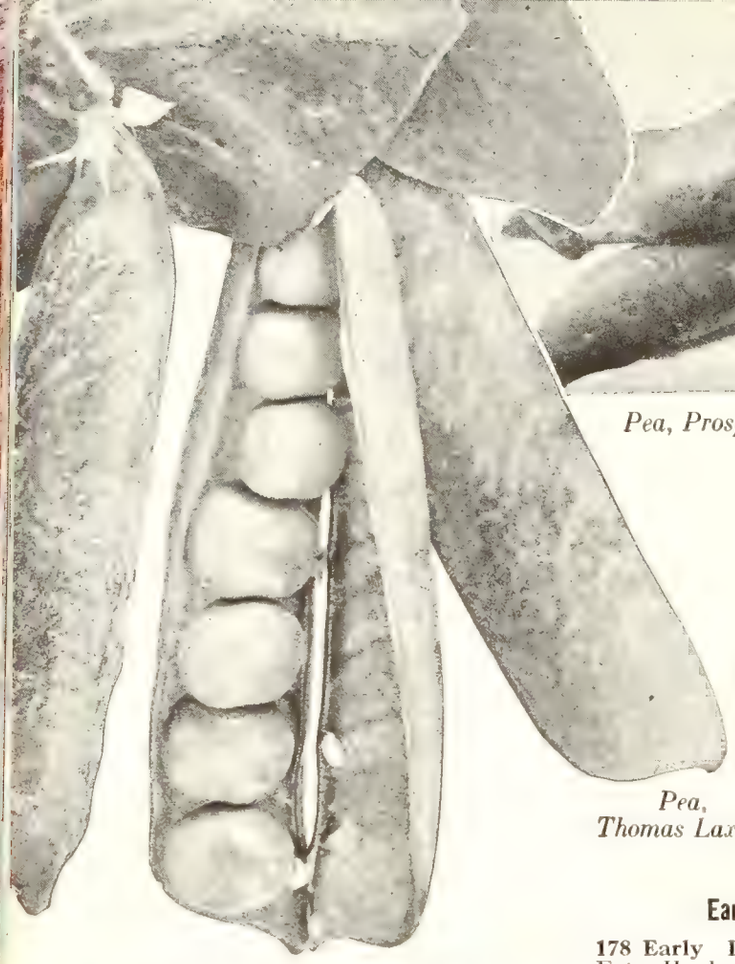


Mustard, Fordhook Fancy

Muskmelon, Iroquois



Pea, Prosperity



Pea, Thomas Laxton

Peas

CULTURE: *The dwarf early peas are sown in rows 2 feet apart, the larger and midseason varieties in rows 3 feet apart and the tall varieties in rows 4 feet apart. The seed should be covered about 2 inches and the plants thinned to 2 inches apart in the row. 2 lbs. for 100 ft. of double drill or 200 ft. of single row.*

Early and Medium Early

178 Early Delicious. An Extra-Early, Extra-Hardy and Extra-Fine-Flavored Table Pea of outstanding merit. The vines grow about 2 feet high and produce an enormous crop. The pods are 3 to 3½ inches long, straight, pointed, dark green, and contain 7 or 8 deep green peas of good quality. 56 days. Pkt. 20c; ½lb. 45c; lb. 85c; 5 lbs. $3.75; 15 lbs. $10.25.

177 Mammoth-Podded Extra Early. The vines are medium heavy, deep green, about 3 feet in height and produce a good crop. The pods are dark green, about 4 inches long, fairly broad, round, blunt ended and contain 7 large, medium light green peas. 57 days. Pkt. 15c; ½lb. 40c; lb. 70c; 5 lbs. $3; 15 lbs. $8.25.

186 Prosperity or Gradus. The vines are 3 feet high; pods are borne singly and freely from top to bottom of the vine and contain from 6 to 10 peas of delicious quality, large and rich in flavor. 60 days. Pkt. 15c; ½lb. 35c; lb. 65c; 5 lbs. $2.75; 15 lbs. $7.50.

160 Dwarf Early Bird. A hardy pea to be planted very early for a first crop. Pods are 4 inches long and packed full of good-quality peas. Height 16 inches. 60 days. ½lb. 40c; lb. 70c; 5 lbs. $3; 15 lbs. $8.25.

162 First of All or Pedigree Extra-Early. Plants are hardy and resistant to wilt. Peas are tender, fine flavored and produced in long, tightly filled pods. Height 30 inches. 60 days. Pkt. 15c; ½lb. 35c; lb. 65c; 5 lbs. $2.75.

172 Laxton's Progress. The earliest large-podded pea. The vines grow 18 inches tall, are very bushy and very productive. 60 days. Pkt. 15c; ½lb. 35c; lb. 65c; 5 lbs. $2.75; 15 lbs. $7.50.

171 Laxtonian. A Grand Early Marrow Dwarf Pea. Very vigorous and dependable. The vines grow only 18 inches tall but they are well branched, which accounts for the heavy crops. The large pods are filled to capacity with 6 to 8 large, well-formed peas. 62 days. Pkt. 15c; ½lb. 40c; lb. 70c; 5 lbs. $3; 15 lbs. $8.25.

191 Thomas Laxton. An excellent early, wrinkled marrow variety. Pods are medium to large. Produces strong 3-foot vines, which bear heavy crops. 62 days. Pkt. 15c; ½lb. 35c; lb. 65c; 5 lbs. $2.75; 15 lbs. $7.50.

163 Freezonian. The dark green pods average 3½ inches in length. They are well filled with large wrinkled peas of exceptionally high quality. A prodigious cropper. The vines are about 30 inches in length. 63 days. Pkt. 20c; ½lb. 40c; lb. 75c; 5 lbs. $3.25; 15 lbs. $9.

174 Little Marvel. This is the most prolific of the early dwarf garden peas. Grows about 18 inches high, and both vine and pod are extremely dark green color. 64 days. Pkt. 15c; ½lb. 35c; lb. 65c; 5 lbs. $2.75; 15 lbs. $7.50.

Late

157 Dwarf Alderman. Reaches a height of only 20 inches but is sturdy and bushy. The pods, which are borne in profusion, average 4½ inches long; they are dark green and pointed and invariably contain 7 or 8 large, rich green peas of exceptional quality, sweet and delicious. 70 days. Pkt. 15c; ½lb. 35c; lb. 65c; 5 lbs. $2.75; 15 lbs. $7.50.

158 Dwarf Telephone. A robust variety bearing an abundance of pods about 5 inches in length, tightly filled with 8 or 9 dark green wrinkled peas of the finest quality. Grows 1½ to 2 feet high. 70 days. Pkt. 15c; ½lb. 40c; lb. 70c; 5 lbs. $3; 15 lbs. $8.25

189 Telephone. The plant is about 5 feet high and bears a heavy crop of enormous pods well filled with large peas of delicious quality. Rich in flavor, tender in quality and most attractive in appearance. 72 days. Pkt. 15c; ½lb. 35c; lb. 65c; 5 lbs. $2.75; 15 lbs. $7.50.

182 Perfection Sugar The Edible-Podded Sugar Pea. The pods are used as snap beans. They are broad, brittle, without strings and delicious in flavor. Height 5 feet. 80 days. Pkt. 20c; ½lb. 45c; lb. 80c; 5 lbs. $3.50.

Okra or Gumbo

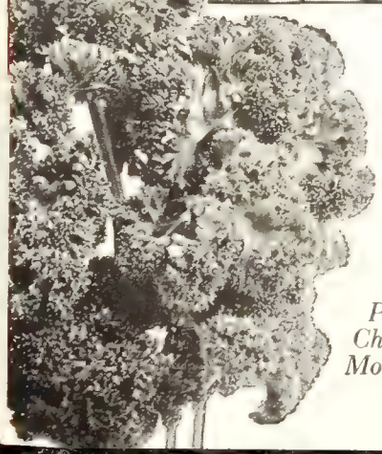
CULTURE: *Sow seed after the nights have been quite warm, preferably in light, sandy soil. Gather pods while still young. 1 oz. to 75 ft. of row.*

596 Clemson Spineless. Plants reach a height of 3½ to 4 feet. Fruits practically spineless. Quality is excellent. Recommended for home and market gardens. 55 days. Pkt. 15c; oz. 30c; ¼lb. 75c; lb. $1.50.

597 Long Green. Plants ranging from 2¼ to 3 feet high produce long, tender pods in abundance. 60 days. Pkt. 15c; oz. 30c; ¼lb. 75c; lb. $1.50.

595 Dwarf Prolific. Of dwarf, stocky growth, very early and very prolific. 55 days. Pkt. 15c; oz. 30c; ¼lb. 75c; lb. $1.50.

Parsnip, Hollow Crown



Parsley, Champion Moss Curled

Pepper, Ruby King

Parsley

CULTURE: *The germination of parsley seed is very slow, taking about three to four weeks. Sow seed in rows 1 foot apart, covering ½ inch. Thin out the plants to stand 2 inches apart.*

651 Champion Moss Curled. A particularly beautiful type. A bed looks like fine moss. 70 days. Pkt. 15c; oz. 35c; ¼lb. 95c; lb. $2.50.

659 Hamburg or Turnip Rooted. The fleshy roots resemble small parsnips. Used for flavoring soups, stews, etc. 90 days. Pkt. 15c; oz. 35c; ¼lb. 95c; lb. $2.50.

661 Plain or Italian. The leaves are not curled. 70 days. Pkt. 15c; oz. 40c; ¼lb. $1.00; lb. $2.75.

Parsnip

CULTURE: *Sow seed in rows 2 feet apart as soon as ground is in condition in spring. Cover seed ½ inch.*

667 Hollow Crown. Our selection of this highly esteemed variety is surely the best for the private garden. A shapely, heavy-shouldered strain with its greatest girth at the crown and gradually tapering to a small root. For winter use lay the roots horizontally in small boxes packed with ordinary garden soil and store them in some convenient place outdoors, away from snow or rain. Frost improves their quality. 100 days. Pkt. 15c; oz. 35c; ¼lb. $1; lb. $3.

Pepper

CULTURE: *Seed should be started indoors or in a hotbed so that the plants are well started for setting outside when the ground is warm after danger of frost. ¼oz. to 50 ft. of row.*

695 Large Bell or Bull Nose. Very early and hardy. Green fruit turning to vivid scarlet. Sturdy, prolific plants. Pkt. 15c; oz. $1.25; ¼lb. $3.50.

676 California Wonder. (In color on page 42.) Pkt. 20c; oz. $1.35; ¼lb. $3.75.

684 King of the North. The fruits are of much the same shape as Ruby King but the flesh is thicker and exceptionally sweet. The fruits are dark green, turning to an attractive, deep scarlet color as they ripen. 60 days. Pkt. 15c; oz. $1.25; ¼lb. $3.50.

690 Early Wonder. The fruits are somewhat smaller than California Wonder, but they have the fine meaty quality of that variety. 63 days. Pkt. 25c; oz. $1.50; ¼lb. $4.50.

693 Ruby King. The slightly tapering, sweet fruits are 4½ to 5 inches long and 2½ inches through, deep green turning to bright red. Used for slicing and for pickles. 65 days. Pkt. 15c; oz. $1.15; ¼lb. $3.25.

697 World Beater. Dark green, changing to a very brilliant scarlet when ripe. 65 days. Pkt. 15c; oz. $1.25; ¼lb. $3.50.

682 Hungarian Wax (Hot). Fruits 6 to 7 inches long, about 1½ inches at the crown, tapering to a hooked point. Waxy pale yellow, turning to orange and then to bright red at maturity. 62 days. Pkt. 20c; oz. $1.25.

Pumpkin

CULTURE: *Sow late in May in the latitude of New York, in very rich soil. Cover the seed 1 inch. When grown alone, the hills should be 8 feet apart each way. 1 oz. for 30 hills.*

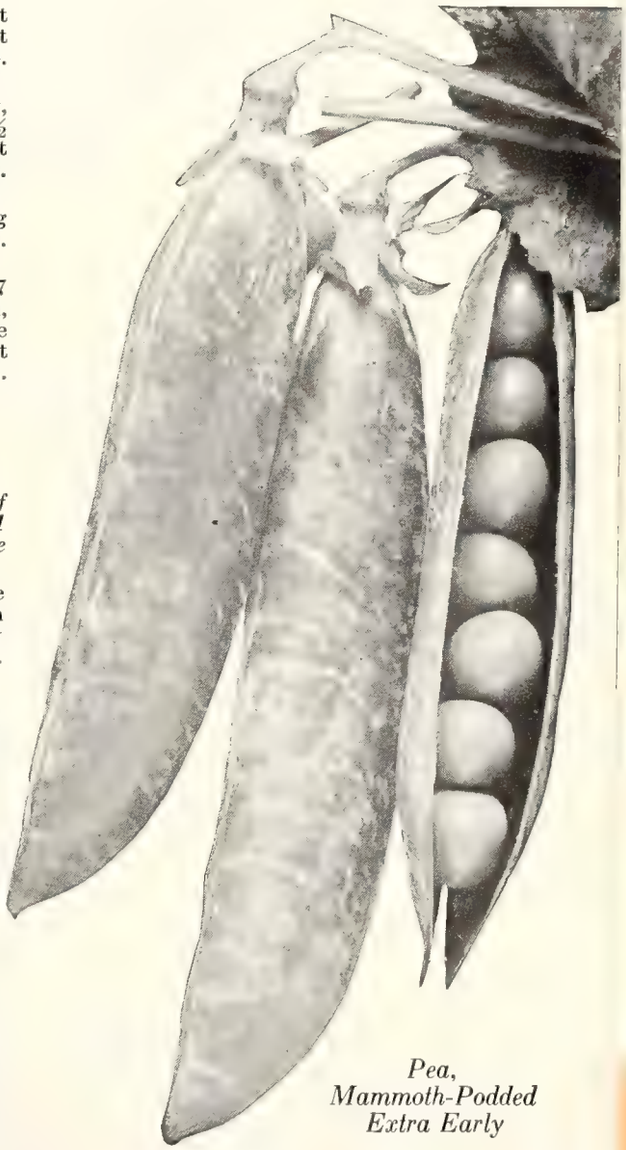
703 Large Cheese. Flat and round. The skin is creamy yellow in color, and the flesh is deep orange, of fine quality and very tender. A splendid keeping variety. Pkt. 15c; oz. 30c; ¼lb. 80c; lb. $2.25.

705 Connecticut Field. A productive, reddish orange field pumpkin; the inside flesh is orange-yellow. It is solid, fine grained and slightly ribbed. This variety is grown extensively for canning purposes. Pkt. 15c; oz. 30c; ¼lb. 80c; lb. $2.25.

708 King of the Mammoths. The variety grown for greatest size, fruits frequently weighing 60 pounds and often over 100 pounds. Reddish yellow fruit with thick, bright yellow flesh. 120 days. Pkt. 15c; oz. 35c; ¼lb. 90c; lb. $2.35.

709 Sugar. Productive small pumpkin 10 to 12 inches in diameter, round-flattened. Skin orange; flesh deep yellow, fine grained and very sweet. Pkt. 15c; oz. 30c; ¼lb. 80c; lb. $2.25.

711 Winter Luxury. A superior pie pumpkin but enormously productive and an excellent keeper. Slightly oval, about 10 inches in diameter; color golden russet. Pkt. 15c; oz. 30c; ¼lb. 80c; lb. $2.25.



Pea, Mammoth-Podded Extra Early

Radish, French Breakfast

Pumpkin, Connecticut Field
(See page 45.)

Radish

CULTURE: *Radishes thrive best in a sandy, loamy soil. To have a continuous supply for the table, sow as early in spring as possible and at intervals of 10 days thereafter. Where the summers are very hot, sow until May 15 and then omit until August. Then make three sowings at intervals during that month. Radishes are fit for the table in 25 to 40 days from sowing in the open ground. For extra-early crop sow seed in hot-bed in February. 1 oz. for 100 ft. of row.*

725 Cherry Belle. As Round and Red as a Cherry. Cherry Belle is just as good to eat as it is to look at, for the flesh is delightfully crisp and firm. It has an extreme resistance to pithiness and thus retains its prime condition much longer than the general run of radishes. The tops are exceptionally short and gray-green in color. 23 days. Pkt. 15c; oz. 50c; ¼lb. $1.50. (In color page 28.)

730 French Breakfast. This is a favorite oval-shaped, bright scarlet radish with white tip. It is extremely attractive and very early. 25 days. Pkt. 15c; oz. 35c; ¼lb. 95c; lb. $2.25.

722 Crimson Giant. Grows to 5 and often 6 inches in circumference, weighing up to 1 ounce. The flesh remains sparkling white, solid, crisp and juicy and it is of the mildest flavor. 29 days. Pkt. 15c; oz. 35c; ¼lb. 95c; lb. $2.25.

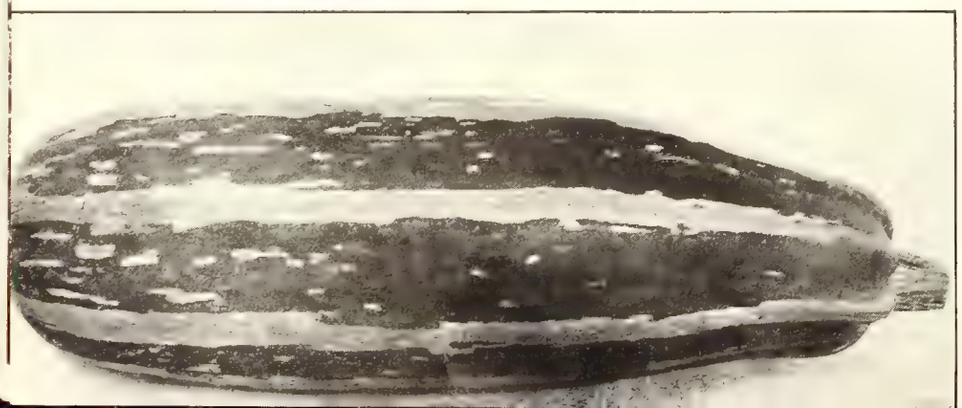
756 Scarlet Globe. One of the most attractive radishes grown. The roots are a little longer than round and the skin intense scarlet in color, with tiny thread-like roots. It is very early, globe shaped and has very small tops. 23 days. Pkt. 10c; oz. 30c; ¼lb. 85c; lb. $2.00.

757 Sparkler. Brilliant scarlet with a very pronounced white tip. It wins by appearance alone. But to this must also be added its sparkling white, solid, crisp flesh and mild sweet flavor. 25 days. Pkt. 15c; oz. 35c; ¼lb. 95c; lb. $2.25.

734 Icicle. The leading long white radish, and one of the earliest. Tender, juicy and of agreeable snappy flavor. Reaches a length of 6 inches. Pkt. 15c; oz. 35c; ¼lb. 95c; lb. $2.25.

Summer Squash, Early Prolific Straightneck

Summer Squash, Cocozelle



Rhubarb

CULTURE: *Sow in April in drills a foot apart, covering the seed ¾ inch, thinning out to about 10 to 12 inches apart in rows. 1 oz. to 500 ft. of drill.*

770 St. Martin's. Much esteemed wherever grown. The stalks are large, red and exceedingly juicy, rich and spicy. Pkt. 20c; oz. 60c; ¼lb. $1.75.

Salsify or Oyster Plant

CULTURE: *Same as for Parsnip*

780 Mammoth Sandwich Island. Its peculiar oyster-like flavor is most apparent when sliced and fried; it may also be served and eaten as asparagus. One of the best remedies for various forms of indigestion. 150 days. Pkt. 15c; oz. 75c; ¼lb. $2.25.

Swiss Chard

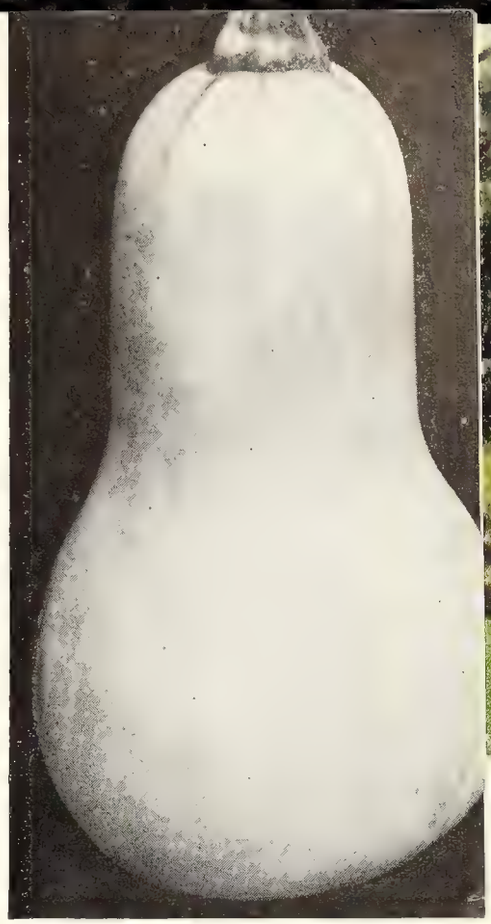
CULTURE: *Sow the seed in April or May in drills 18 inches apart and thin the plants to stand 6 inches apart in rows. 1 oz. to 75 ft. of drill.*

234 Lucullus. Leaves closely crumpled, similar to a savoy cabbage. It is very tasty and palatable. Much sought after by those who prefer the rib of the leaf. 55 days. Pkt. 15c; oz. 35c; ¼lb. 90c; lb. $2.50.

233 Fordhook Giant. The leaves are rich dark green, very large, curled or savoyed, of thick texture and quite tender, making excellent boiling greens. The white stems or midribs make a fine dish prepared like asparagus. 55 days. Pkt. 15c; oz. 35c; ¼lb. 90c; lb. $2.50.

235 Green Plume. Much darker green than any other variety and also much more tender. The midribs, too, are tender, white and attractive. 55 days. Pkt. 15c; oz. 35c; ¼lb. 90c; lb. $2.50.

Squash, Uconn



Squash, Butternut

Spinach

CULTURE: *The tendency for plants to bolt or send up flower stalks may be avoided by planting varieties bred to dimish this tendency—and by planting early. Seeds should be sown ½ inch deep in April, with 15 inches between rows. Later plants are thinned to 3 inches apart. For fall use, sow in late summer. Rich soil is best. ½ oz. to 50 ft. of row.*

802 Long Season. The Best for Sowing in Spring and Summer for a Successional Supply. The plant is small, with rich, lustrous green leaves. These are short, broad, very thick and of so great substance that they lose bulk in cooking less than any other sort. The flavor is unequaled. 50 days. Pkt. 15c; oz. 35c; ¼lb. 95c; lb. $1.85.

805 Long-Standing Savoy. Stands heat much longer than most varieties before running to seed. This is a great advantage. 45 days. Pkt. 10c; oz. 30c; ¼lb. 80c; lb. $1.65.

799 Bloomsdale Savoy-Leaved. A very popular variety to sow for late fall cutting. It is quick growing and a heavy cropper, producing large, fleshy, dark green leaves which are deeply crumpled or savoyed. 40 days. Pkt. 10c; oz. 30c; ¼lb. 80c; lb. $1.65.

813 Summer Savoy. Produces a satisfactory crop in the early summer when other varieties immediately run to seed. The plants are large, with rich, exceptionally dark green leaves. 48 days. Pkt. 15c; oz. 35c; ¼lb. 95c; lb. $1.85.

806 New Zealand. The Cut and Come Again Spinach Yields Continuously from Early Summer to Late Fall. During the hot summer months, when ordinary spinach bolts and goes to seed, New Zealand is at its best. It thrives on almost any soil and withstands. drought wonderfully well. The plant is bushy in form and produces quantities of succulent, rich green leaves of a delightful flavor. As the tops are cut off, side shoots develop and in a few days another crop may be cut. For an early crop, start the seed indoors during March and transplant the seedlings to the open ground after danger from frost. 60 days. Pkt. 15c; oz. 45c; ¼lb. $1.10; lb. $3.25.

807 Perpetual. That this new plant can without any stretch of the imagination be called Perpetual is due to the fact that it is, in reality, a form of swiss chard. Perpetual spinach, however, is entirely without the somewhat bitter flavor of swiss chard, and tastes like a good variety of spinach. 47 days. Pkt. 15c; oz. 45c; ¼lb. $1; lb. $3.

Squash

CULTURE: *To be planted after May 15. Bush varieties are sown in hills 4 feet apart, trailing types in hills 6 to 8 feet apart. Six seeds are sown to a hill and the seedlings thinned to three. A packet will plant 6 to 8 hills.*

Summer Varieties

835 Caserta. Mature fruits are 18 inches long by 5 inches wide, but they have the finest table quality when 6 to 7 inches long. The skin is a light glossy green with broken stripes of darker green. 55 days. Pkt. 25c; oz. 85c; ¼lb. $2.50.

829 Early Prolific Straightneck. Outstanding for earliness, heavy yield and uniformity in size and shape of fruits. Fruits are smoother and lighter yellow than the giant type. 50 days. Pkt. 15c; oz. 40c; ¼lb. $1.10.

846 Black Zucchini. The color is so dark green that it gives the appearance of black. The mature fruits measure 12 to 15 inches long, 4 to 5 inches in diameter. 65 days. Pkt. 15c; oz. 45c; ¼lb. $1.25.

821 Cocozelle or Italian Vegetable Marrow. Smooth, dark green fruits which when mature become marbled with yellow. Fruits are best when 6 to 8 inches long. 65 days. Pkt. 15c; oz. 35c; ¼lb. $1.

842 White Bush Scalloped. The white Patty Pan or cymling. Creamy white skin. Fine quality; free cropper. 50 days. Pkt. 15c; oz. 40c; ¼lb. $1.10.

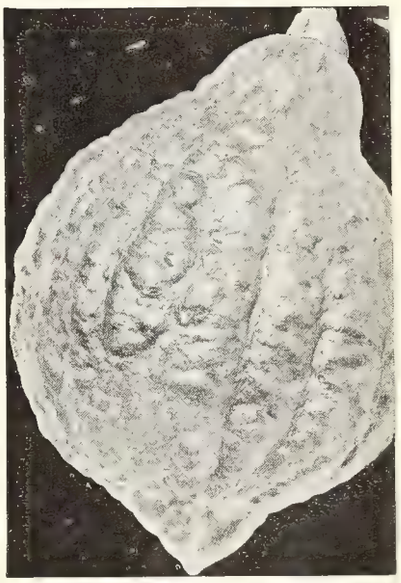
844 Yellow Bush Summer Crookneck. A bush variety, early and prolific. 55 days. Pkt. 15c; oz. 40c; ¼lb. $1.10.

Autumn and Winter Varieties

837 Uconn. A bush squash with fruit similar to Acorn. Lighter green shell and thicker flesh of fine texture and flavor. A very good keeper. Pkt. 20c; oz. 75c.

833 Butternut. The fruits are about 12 inches long, enlarged at the blossom end. The neck section is about 3½ inches in diameter, with solid flesh. The skin or shell is smooth and hard, and the flesh is deep yellow, fine textured, dry, sweet and of excellent flavor. 95 days. Pkt. 15c; oz. 85c; ¼lb. $2.50.

818 Acorn or Table Queen. A very dark green squash about 6 to 7 inches long and 4 inches in diameter. 60 days. Pkt. 15c; oz. 40c; ¼lb. $1.20.



Squash, Hubbard

824 Buttercup. Skin dark green with an occasional narrow stripe of silvery white. The blossom end is marked with a prominent "button." The flesh is yellow, exceptionally thick, dry, sweet and free from stringiness. 100 days. Pkt. 15c; oz. 50c; ¼lb. $1.50.

830 Hubbard. Very productive, yielding large, heavy squashes of dark bluish green. An excellent keeper. 105 days. Pkt. 15c; oz. 45c; ¼lb. $1.25.

832 Large Warted Hubbard. Heavy warts indicate a hard shell, and the harder the shell, the better the squash well keep. 105 days. Pkt. 15c; oz. 45c; ¼lb. $1.25.

EVERY ITEM IS PREPAID SEND NO POSTAGE

World-famous TOMATOES

Tomato, Wisconsin No. 55

CULTURE: *Seed should be sown from the second week of February to the end of April, in flats or hotbed. Two-inch plants should be thinned or transplanted 4 inches apart to prevent crowding that will induce spindly growth. About mid-May, seedlings may be set outside, 3 feet apart. Use of cutworm guards is recommended for protection when the plants are set. Seed may be sown in May for a late crop. A strong support will be required as the plants start growing vigorously. ½ oz. of seed produces about 500 plants. Days to maturity are determined from time seedlings are set out.*

903 Richmeat. (In color on page 41.) The largest and best-flavored scarlet tomato. Pkt. 25c; 5 pkts. $1.

915 Winsall. (On outside back cover.) Pkt. 25c; 5 pkts. $1; ½oz. $2; oz. $3.50.

909 Hybrid Winsall. Has all of the excellent qualities of Winsall plus the extreme vigor and productivity of hybrids. The same rich crimson meaty flesh , . . the same flavor but more of it. Pkt. (30 seeds) 50c; 2 pkts. 90c; 3 pkts. $1.25.

889 Golden Ponderosa. Striking color which compels instant attention. For salad purposes it presents an attractive and inviting appearance. 85 days. Pkt. 25c; 5 pkts. $1; ½oz. $1.50; oz. $2.50.

900 Ponderosa. The large, purplish pink fruits are full of luscious juicy flesh. The seed cavities are small, to make the fruits solid and meaty. The flesh is particularly mild and sweet. 85 days. Pkt. 15c; ½oz. $1; oz. $1.50; ¼lb. $5.

876 Beefheart. A brilliant scarlet. The solidity and weight of this variety are derived from the seed cavities which have given way to a solid mass of meaty, succulent flesh. 85 days. Pkt. 25c; 5 pkts. $1.

877 Bonny Best. Almost as early as Earliana. A larger tomato and a heavier cropper. The fruits are deep scarlet in color, very smooth, perfectly round, solid and meaty. 72 days. Pkt. 15c; oz. $1.25; ¼lb. $3.75.

895 Queens. This cross is a very productive early variety with smooth globe-shaped fruits with an average weight of 5 ounces. Pkt 25c; 3 pkts. 65c.

Tomato, New Rose

897 Hybrid Early Sensation. Can you imagine a tomato maturing its first fruits 60 days after setting out? This new hybrid will do just that and bear fruits weighing 4 to 5 ounces each. The plants are vigorous and very productive. Bright rich scarlet with solid, meaty flesh. Pkt. 35c; 3 pkts. $1.

881 Beefsteak or Crimson Cushion. A very large tomato, flattish round and brilliant scarlet-crimson. The flesh is of superb quality. 90 days. Pkt. 25c; 3 pkts. 65c; oz. $1.35; ¼lb. $4.

885 Earliana. A very early, medium-sized tomato averaging 3 inches across and 2½ inches deep. The fruit is solid, with few seeds, and deep scarlet-red. 64 days. Pkt. 15c; oz. $1; ¼lb. $3.

890 Southland. Not only considerably resistant to blight but also nearly immune to fusarium wilt and considerably resistant to blossom-end rot. The fruits are a good bright red, with well-colored flesh; meaty, of good size and flattened globe shape. 73 days. Pkt. 25c; 3 pkts. 65c.

894 Marglobe. Resists Rust and Wilt. Almost round, large, bright red. One of the most productive tomatoes in cultivation. Early and continues bearing over a long period. It possesses a delicious flavor, is attractive and immune to wilt. 75 days. Pkt. 15c; oz. $1; ¼lb. $3.

901 Rutgers. Produces an Abundance of Beautiful Uniform Fruits. Ideal for the Home Garden, Market and Canning. The large, round fruits resemble those of Marglobe but ripen earlier and are of a bright scarlet color. Ideal sort for canning and juice. 73 days. Pkt. 15c; oz. $1; ¼lb. $3.

906 Stone. One of the popular main-crop varieties. The plant is a strong grower and is very prolific. Large, smooth fruits almost round in shape. 85 days. Pkt. 15c; oz. $1; ¼lb. $3.

913 Wisconsin No. 55. The large fruits are a rich scarlet-red in color, meaty and of excellent flavor and quality. It produces surprisingly large crops when unfavorable conditions have checked most other varieties. 73 days. Pkt. 25c; 5 pkts. $1.

Tempting Salad Tomatoes

887 New Rose Tomato. A 1953 introduction in the salad tomato group. The medium-large, globe-shaped fruits are very fleshy and firm, ripening to an unusual purplish rose color. Delicious flavor; few seeds. Heavy cropper, medium late. (We believe we are the only Company to offer this new European origination.) Pkt. 25c; 5 pkts. $1. Supply limited.

882 Crystal White. This novelty white tomato has the size and substance of a red Ponderosa, but the flesh and outer skin are frosty alabaster-white. It makes an attractive addition to any salad. 85 days. Pkt. 25c; 5 pkts. $1.

891 Jubilee. (Described on page 29.) Pkt. 25c; ½oz. $1; oz. $1.75.

892 Pomodoro, Italian Large Red Plum. A beautiful bright red, plum-shaped tomato. One of the most prolific tomatoes we have ever grown, beginning early in the season and continuing uninterruptedly up to frost. The fruits are the size of a good-sized plum and are borne in clusters of six or more. 75 days. Pkt. 25c; 5 pkts. $1.

902 Red Cherry. Bears clusters of tiny, bright red fruits. 75 days. Pkt. 20c; oz. $1.50.

904 Red Pear. Produces small bright red pear shaped fruits in clusters. 75 days. Pkt. 20c; oz. $1.50.

Turnip, Purple Top White Globe

Tomato, Bonny Best

Turnip

CULTURE: *For an early crop, turnips should be planted ½ inch deep, in rows 15 inches apart, as soon as the ground opens in spring. Seedlings are thinned to 3 inches. Successive plantings may be made from mid-June until mid-July. ½ oz. will plant about 75 ft. of row.*

922 Early White Milan. An extra-early variety of rapid growth, with entirely white roots and very small leaves. 40 days. Pkt. 15c; oz. 30c; ¼lb. 80c; lb. $2.

927 Large White Globe. A large white globe-shaped variety. Tops large, cut leaved; roots large, globular, 4 to 5 inches in diameter or greater, entirely white. Flesh white, firm, moderately coarse in texture. 75 days. Pkt. 10c; oz. 30c; ¼lb. 70c; lb. $1.50.

930 Purple Top White Globe. A large, globe-shaped variety The upper surface is reddish purple, the lower part white. It has a small, smooth root and medium-sized tops. The flesh is pure white, crisp, very fine. One of the best sorts to store for winter. Recommend for fall crop. 55 days. Pkt. 10c; oz. 35c; ¼lb. 75c; lb. $1.75.

926 Golden Ball. A very distinct variety, and the finest yellow-fleshed sort for family use. It grows a very shapely bulb, medium in size, almost round, very smooth, and quite free from side roots. 60 days. Pkt. 10c; oz. 35c; ¼lb. 75c; lb. $1.75.

934 Seven Top. This variety has long been popular in the South for the tops which are used for flavorful greens. Its popularity in the North is growing as more people become acquainted with it. Pkt. 15c; oz. 30c; ¼lb. 80c; lb. $2.

Rutabaga

Swede or Russian Turnip

950 Improved Long Island. Bred from American Purple Top, over which it is a great improvement. It is much larger, has no neck and is a remarkably good keeper. The flesh is rich yellow and of fine quality. 100 days. Pkt. 15c; oz. 35c; ¼lb. 75c; lb. $1.75.

Watermelon

CULTURE: *Watermelons are as easily grown as pumpkin or squash and are recommended for the home garden when there is room. After mid-May seed should be sown 8 seeds to a hill and the hills 8 feet apart. Seedlings should be thinned to three in each hill.*

584 New Hampshire Midget. This new watermelon has been scaled down to the small American family and the home-size refrigerator. It weighs no more than 6 pounds and measures about 6 inches across. Flesh is red and juicy, and the plants are remarkably productive. 65 days. Pkt. 25c; 3 pkts. 65c; oz. $1.

567 Cole's Early. Good in every respect, producing a liberal crop of melons 12 inches long and 9 inches in diameter of delicious quality. The deep red, fine-grained flesh ripens from heart to rind, while its rich color and luscious flavor satisfies the most exacting taste. 80 days. Pkt. 15c; oz. 35c; ¼lb. 85c; lb. $2.25.

574 Earlisweet. Of recent introduction. We recommend this watermelon for northerly latitudes; it matures in 75 to 78 days. The fruit is of medium size, nearly round, of good quality and weighs approximately 10 pounds. The rind is grayish green with fine green veining. Flesh is bright red. Pkt. 15c; oz. 40c; ¼lb. $1.

Turnip, Seven Top

Watermelon, New Hampshire Midget

Watermelon, Cole's Early

Now! LIVING FENCE

FOR AS LITTLE AS 6¢ A FOOT

What is Living Fence?

Living Fence is a thorny type wild rose (*Rosa multiflora japonica*) which provides color in all seasons—white flowers in spring, green leaves in summer and fall, red berries all winter. It makes an excellent property border to discourage trespassing. Also excellent as a winter shelter for all birds and supplies food in abundance for larger birds.

Where can Living Fence be used?

At maturity (three or four years after planting) it attains a height and width of 8 feet and consequently should not be used on small city lots unless regularly trimmed. Where space is adequate, it is the cheapest and most attractive way to screen out road dust and traffic noise and prevent all types of trespassing. A dense fence is provided by planting at 18-inch intervals. (It has been endorsed by the United States Department of Agriculture; see Leaflet No. 256.) Plants priced below and shipped to you are northern grown and attain a height of 9 to 18 inches in the nursery. These are trimmed to 12 inches—ready to plant—before shipping.

No. Plants	Length of Living Fence	Price Postpaid
25	30 ft.	$2.75
50	75 ft.	4.95
100	150 ft.	7.95

Guarantee!

The century-old reputation of this Company stands behind each living fence plant sold. We guarantee that only the finest selected Rosa Multiflora "Living Fence" seedlings will be shipped or plants will be replaced or money refunded.

Peter Henderson, Stumpp & Walter Co.

8 Pages of Fine Roses . .

. . . for Your SHOPPING CONVENIENCE

One out of every seven of our friends who get a copy of this catalog lives in the area served by one of our garden centers. If you are one of these, we hope you will visit our nearest garden center. In addition to the items listed in this catalog, you will find a varied selection of other garden needs which, because of weight, bulkiness or perishability, are not subject to shipping.

This spring, for example, will find these modern garden stores carrying a splendid assortment of specimen evergreens, colorful flowering shrubs, choice hedge plants, the newest potted roses, freshly dug perennials, sturdy boxed annuals, nationally advertised garden tools, power mowers, spraying equipment, fertilizers and hundreds of other things to make your gardening efforts successful.

When you shop with us, you will find courteous, trained salespeople to help you with your garden problems . . . every item conveniently located and plainly marked with the lowest possible price consistent with Henderson's 104-year reputation for the finest quality.

Our Garden Centers

MANHATTAN
132 Church Street

WESTCHESTER
WHITE PLAINS: 80 Main Street

LONG ISLAND
HEMPSTEAD: 74 N. Franklin St.
FARMINGDALE: Route 110
MANHASSET: Flower Hill, Northern Blvd.

NEW JERSEY
NEWARK: 29 Central Avenue
MILLBURN: Morris Turnpike
PARAMUS: Route No. 4
RED BANK: Newman Springs Road

THESE ARE THE *All-Americas* for 1952-1953

. . . eagerly awaited each year, the All-America Selections, tested and approved by experts throughout the country, bring new color and beauty to the gardens of hundreds of thousands of American homemakers.

The first two varieties listed below are the 1953 selections. The other two (with Vogue described on another page) were those for 1952. They're new . . . . they're good. And remember, the only short-cut to rose success is planting the best plants you can buy . . . the kind Henderson's furnishes.

CHRYSLER IMPERIAL

Chrysler Imperial Pat. applied for

This lively, glowing crimson rose captured the sole 1953 All-America Award for a hybrid tea rose. Beautifully shaped in both bud and flower, its 50 or more petals have a heavy substance that makes the flowers last exceptionally long, Add a rich fruity fragrance and a well-branched, sturdy plant amply clothed with deep green, disease-resistant foliage, and you have a truly fine new rose for your garden. $3 each; 3 for $8.25; $31 per doz.

Ma Perkins Pat. 1143

Here's a prolific bloomer to add to the ever-growing list of popular floribundas. Hardiness, freedom of bloom and easiness of growth have made them outstanding as a flowering border or as individual specimens. Ma Perkins brings a new color and a rich and unusual fragrance to this new class. The delightfully shaped buds of deep salmon-pink with dashes of gold and flushed with red open into soft coral-pink flowers. Grows 2½ or 3 feet tall and from its parents (Fashion and Red Radiance) inherits both ruggedness and hardiness. $2.25 each; 3 for $6; $22.50 per doz.

HELEN TRAUBEL

Helen Traubel

Pat. 1028

The color of this lovely rose varies with the weather, but characteristically it is a blend of warm pink and luminous apricot, which makes it sparkle. Often 6 inches across, the fully opened flowers maintain the rich warm color and combine it with a spicy fragrance. The plant is tall and bushy and so vigorous that it is seldom without flowers or buds. $2.75 each; 3 for $7.25; $27.50 per doz.

Fred Howard Pat. 1006

A magnificent yellow hybrid tea named for one of America's foremost rose growers. Sturdy and upright, it provides long-stemmed flowers for cutting from spring to fall. The color is rich buff-yellow with delicate blendings of salmon and pink, which holds well even in extreme summer weather. Blooms freely all season but especially well in the fall. Glossy, deep green leaves. $2.50 each; 3 for $6.75; $25 per doz.

FRED HOWARD

MA PERKINS ©

Tom Breneman

Radiance

Sister Therese

Time-Tested ROSES

TOM BRENEMAN. Pat. 986. Long, coral-rose buds expand slowly to beautiful, heavily perfumed, long-lasting flowers. $2 each; 3 for $5.50; $20 per doz.

RADIANCE. One of the most reliable and easily grown. The deliciously fragrant flowers are two-toned rose-pink. Vigorous and free flowering. $1.50 each; 3 for $4.15; $15 per doz.

SISTER THERESE. Splendidly shaped, golden yellow buds open into high-centered, artistic flowers of pale cadmium-yellow with deeper tones of orange-yellow. Dependable. $1.50 each; 3 for $4.15; $15 per doz.

MISSION BELLS. Pat. 923. Deep salmon-pink buds and soft shrimp-pink flowers. Remarkable for its vigor, length of stem and texture of its foliage. Pleasing tea fragrance. $2.25 each; 3 for $6; $25 per doz.

CRIMSON GLORY. Deep velvety crimson flowers of exquisite form. Its rich fragrance and vigorous growth have made it a long-time favorite. $1.75 each; 3 for $4.75; $17.50 per doz.

COUNTESS VANDAL. Its artistic buds, beautifully recurved petals and delicate copper, bronze and pink blended color have kept Countess Vandal high on the list of popular favorites. $1.50 each; 3 for $4.15; $15 per doz.

ETOILE DE HOLLANDE. Magnificently rich scarlet-crimson color . . . velvety finish . . . rich fragrance . . . free bloom . . . vigorous growth. $1.50 each; 3 for $4.15; $15 per doz.

McGREDY'S IVORY. A delicately appealing cream-white, fully double flower of moderate fragrance. Dark, leathery, glossy foliage. $1.50 each; 3 for $4.15; $15 per doz.

PRESIDENT HERBERT HOOVER. The vigorous plant has large, full flowers in a two-tone combination of cerise-pink, flame, scarlet and yellow beautifully contrasted. $1.50 each; 3 for $4.15; $15 per doz.

SUTTER'S GOLD. Pat. 885. Long-pointed, bright yellow buds shaded orange and red open to full, high-centered flowers. 2½ or 3 feet tall. $2.25 each; 3 for $6.10; $22.50 per doz.

Mission Bells

Crimson Glory

Countess Vandal

Etoile de Hollande

McGredy's Ivory

from Henderson's

Buy them at the each prices shown or, for abundant color in the garden and generous cut flowers for the home, buy one of the following collections.

COLLECTION R **$7.95**

All 5 of the roses on the right-hand page *Regular price* $9

COLLECTION L **$6.95**

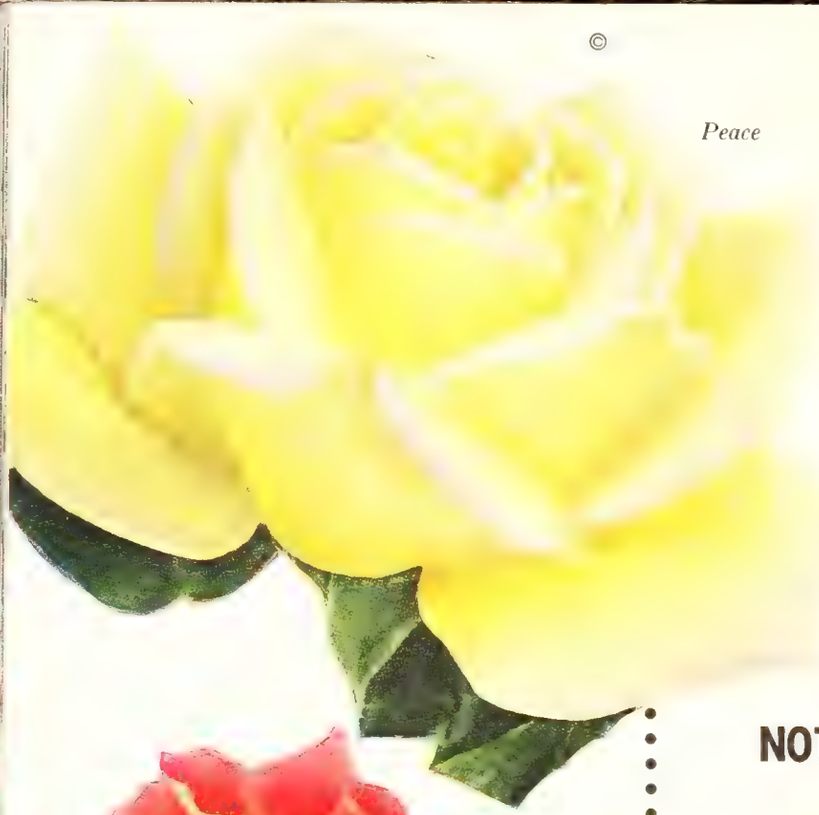
All 5 of the roses on the left-hand page *Regular price* $8.25

BOTH COLLECTIONS *10 Color-range Roses* **$14.50**

(REGULAR PRICE IF BOUGHT SEPARATELY $17.25)

Sutter's Gold

Pres. Herbert Hoover



Peace

Capistrano

Talisman

NOT THE NEWEST BUT,

Among the Best . . . . .

You, the American gardener, by consistently large purchases over the years have given these five roses your stamp of approval.

CAPISTRANO. Pat. 922. The glowing rose-pink of this favorite lasts throughout the life of the flower. Upright, vigorous grower with good foliage. $2 each; 3 for $5.50; $20 per doz.

PEACE. Pat. 591. The Men's Garden Club of America has selected Peace as the finest of all roses. Vigor combines with beauty. The soft yellow flowers with translucent pink and cream occasionally stained with cerise are large but delicate in appearance. Lovely describes it at any time. $2.50 each; 3 for $6.75; $25 per doz.

TALISMAN. The beautifully formed, richly colored buds open into two-toned flowers which combine apricot, golden yellow, deep pink and old rose. Developed as a florist's rose, its freedom of bloom and easy growth have made it a popular garden subject for many years. $1.50 each; 3 for $4.15; $15 per doz.

THE DOCTOR. Enormously large, fragrant flowers of the clearest rose-pink combined with freedom of bloom won for this time-proven favorite the coveted National Rose Society Gold Medal. These same qualities have gained it a place in the hearts and gardens of hundreds of thousands of Americans. $1.50 each; 3 for $4.15; $15 per doz.

CHARLOTTE ARMSTRONG Pat. 455. Lovely, streamlined, carmine-red buds opening to high-centered, rich cerise flowers. The plant will be one of the largest in your hybrid tea rose garden. Promises and gives a generous quantity for cutting throughout the season. $2 each; 3 for $5.50; $20 per doz.

SAVE . . .
BUY ALL 5 FOR $8.45
(Regular $9.50 Value)

The Doctor

Charlotte Armstrong

Colorful EVERBLOOMING ROSES

These 8 pages offer the world's choicest varieties of roses. All are top-quality No. 1 grade, two-year dormant plants. Northern grown for extra hardiness, they should not be compared with inferior, cheaply grown plants or greenhouse discards. They are available up to May 1. After that date potted plants are available in our garden centers only. *(See page 50.)* *When you order, ask for a copy of our pamphlet "Garden Culture of the Rose"; it's Free.*

We guarantee safe arrival of plants sent by Express or Parcel Post (postpaid) to any part of the United States. Should anything be injured in transit, please notify us at once and send us a list so that we can replace them. If they arrive in good condition, our responsibility ceases; and if from inattention or other causes they fail, we cannot replace them.

SHIPPING DATES. *We ship direct from our Nursery at Red Bank, N. J., at the time which we think is best for your locality, unless you specify a particular shipping date. Special packing for export shipment will be charged at cost.*

Golden Dawn

Autumn. Fragrance and burnt-orange color pleasingly patterned with red make the cup-shaped flowers most attractive. Dark, glossy, leathery foliage on a medium-height plant which blooms freely. $1.50 each; 3 for $4.15; $15 per doz.

Babe Ruth. Pat. 996. Heavy-petaled, copper-salmon buds develop into large, ovoid flowers, the color changing to rose-pink as the blooms mature. Long, stiff stems carry the flowers upright on strong plants. Clean, leathery foliage. Always gives a good performance. $2 each; 3 for $5.50; $20 per doz.

Charlotte Armstrong. Pat. 455. Acclaimed the finest rose introduction of recent years. In the bud stage the color is rich blood-red and when opening turns spectrum-red if the weather is cool, but cerise if it is hot. Very vigorous, with deep green foliage. $2 each; 3 for $5.50; $20 per doz.

Chrysler Imperial. Pat. applied for. This lively, glowing crimson rose captured the sole 1953 All-America Award for a hybrid tea rose. Beautifully shaped in both bud and flower, its 50 or more petals have a heavy substance that makes the flowers last exceptionally long. Add a rich fruity fragrance and a well-branched, sturdy plant amply clothed with deep green, disease-resistant foliage, and you have a truly fine new rose for your garden. $3 each; 3 for $8.25; $31 per doz.

Countess Vandal. Its artistic buds, beautifully recurved petals and delicate copper bronze and pink blended color have kept Countess Vandal high on the list of popular favorites. $1.50 each; 3 for $4.15; $15 per doz.

Crimson Glory. Considered by many to be the world's best rose. Flowers are of beautiful form, deep velvety crimson in color and made up of 30 perfumed petals. Color is usually deeper in fall than in spring. $1.75 each; 3 for $4.75; $17.50 per doz.

Eclipse. Pat. 172. The most popular of all yellow roses. Distinctive sleek, tapering buds. Vigorous, branching plants produce streamlined, bright yellow flowers all season. $1.75 each; 3 for $4.75; $17.50 per doz.

Etoile de Hollande. Magnificently rich scarlet-crimson color . . . velvety finish . . . rich fragrance . . . free bloom . . . vigorous growth. $1.50 each; 3 for $4.15; $15 per doz.

Forty-niner. Pat. 792. No rose surpasses Forty-niner in its striking color scheme. The outside of the fine, large, well-formed flowers is rich chrome-yellow and the inside fiery oriental red. $2.25 each; 3 for $6.10; $22.50 per doz.

Fred Howard. Pat. 1006. Named for one of America's great rosarians. Golden yellow edges flushed pink. Delicate fragrance. Very vigorous, upright grower with olive-green foliage. A glorious cut flower. $2.50 each; 3 for $6.75; $25 per doz.

Golden Dawn. Graceful buds of sunflower-yellow opening to fully double flowers of lemon-yellow. $1.50 each; 3 for $4.15; $15 per doz.

Grande Duchesse Charlotte. Pat. 774. This All-America Award winner has rich claret-colored buds which change to begonia-rose as the flowers open. A rich fruit-like fragrance. $1.75 each; 3 for $4.75; $17.50 per doz.

Grenoble. One of the better reds. Large, brilliant scarlet blooms on long stems. Very vigorous grower, profuse and hardy. $1.50 each; 3 for $4.15; $15 per doz.

Hadley. Very large, well-formed, double, very fragrant, rich crimson flowers varying to deep velvety crimson. Rich green, disease-resistant foliage. $1.35 each; 3 for $3.45; $13.50 per doz.

Heart's Desire. Pat 501. Deep red, free from any purplish tones. A flower of ideal form developing from long-pointed buds and having a unique haunting perfume. Heart's Desire is strong and disease resistant. $1.75 each; 3 for $4.75; $17.50 per doz.

Hedda Hopper. Pat. 1047. Delightful for its delicate color and sweet fragrance. The color is soft satiny pink with salmon tints. Unique and artistic; a sturdy grower. $2 each; 3 for $5.50; $20 per doz.

Hadley

Hedda Hopper

more Everblooming Roses.

Helen Traubel. Pat. 1028 An All-America and continental Gold Medal Winner. A distinct combination of color—pastel tones of pink and apricot. The flowers are large, with pleasing fragrance. A strong plant, upright in growth. $2.75 each; 3 for $7.25; $27.50 per doz.

Hill Top. Pat. 525. The handsomely molded flowers have rolled outer petals of deep buff shading lighter at the edges, tinged on the outside with pink. Free blooming, with strong stems for cutting. $1.75 each; 3 for $4.75; $17.50 per doz.

Joanna Hill. The buds are long and pointed. They open into large, semi-double flowers. The color is clear yellow, with orange-yellow at the heart. $1.50 each; 3 for $4.15; $15 per doz.

Kaiserin Auguste Viktoria. For over 50 years this has been the favorite pure white. Form perfect; fragrance delightful; hardy. $1.35 each; 3 for $3.45; $13.50 per doz.

Katherine T. Marshall. Pat. 607. Chosen as one of the top ten All-America Selections roses, it has a warm clear pink color free from other shadings. Richly fragrant flowers on a robust plant. $1.75 each; 3 for $4.75; $17.50 per doz.

Lowell Thomas. Pat. 595. Long-pointed buds are produced freely, opening to large, graceful flowers of clear golden yellow. The blooms are high centered and borne on long stems. One of the finest golden yellow roses. $2 each; 3 for $5.50; $20 per doz.

McGredy's Ivory. Appealing large flowers of beautiful double form and with moderate fragrance. The color is delicate cream-white. Dark, leathery, glossy foliage. $1.50 each; 3 for $4.15; $15 per doz.

McGredy's Scarlet. The fragrant, full double flowers are of good size. They are brilliant scarlet with orange-yellow at base of petals, the upper portions being lightly touched with crimson. $1.50 each; 3 for $4.15; $15 per doz.

McGredy's Yellow. Long-pointed, buttercup-yellow buds which hold the color well when opened. Dark bronzy green foliage on a sturdy, productive bush. $1.50 each; 3 for $4.15; $15 per doz.

Mirandy. Pat. 632. Deep red buds and flowers with a delicious full-bodied fragrance. Does well in hot weather. $2 each; 3 for $5.50; $20 per doz.

Mission Bells. Pat. 923. Deep salmon-pink buds and soft shrimp-pink flowers. Remarkable for its vigor, length of stem and texture of its foliage. Pleasing tea fragrance. $2.25 each; 3 for $6; $25 per doz.

Mme. Jules Bouche. Long-pointed, pure white buds, opening to full-centered, white blooms with a trace of primrose in the center. Sturdy, free blooming and delightfully fragrant. $1.50 each; 3 for $4.15; $15 per doz.

Mrs. Pierre S. du Pont. In the bud stage it is reddish gold and when fully open the fine, cup-shaped flower is deep golden yellow. The plant is strong and compact and blooms continuously. $1.50 each; 3 for $4.15; $15 per doz.

Nocturne. Pat. 713. Voted one of the ten best roses. Long slender buds are beautifully formed, the open flowers bright cardinal-red with darker crimson shadings. The darker tones become more pronounced in cool weather, lighter in hot periods. Bushes are sturdy, producing long stems and luxuriant foliage. $2 each; 3 for $5.50; $20 per doz.

Katherine T. Marshall

Floribunda Roses FREE FLOWERING · HARDY · BEAUTIFUL

The great usefulness of Floribunda Roses is becoming more and more appreciated. Hardier than Hybrid Teas, they have the same all-season blooming qualities coupled with flowers which approach them in range of color and fragrance.

Particularly useful as low borders which flower all summer long they are also excellent for bedding—or as individual color accents to break up bold masses of green. We have selected the following eight varieties because of their dependable habit of producing great quantities of bloom on excellent, easily-grown bushes.

Crimson Rosette. Pat. 901. Brilliant crimson flowers expanding slowly, produced in clusters on vigorous, free-blooming plants. Each open bloom is like a perfect rosette. $1.75 each; 3 for $4.75; $17.50 per doz.

Fashion. Pat. 789. An enchanting color, luminous coral-pink overlaid with gold, which softens to coral. The pointed buds open slowly into perfectly formed roses with wavy petals that possess a haunting old-rose fragrance. $2 each; 3 for $5.50; $20 per doz.

Ma Perkins. Pat. 1143. Here's a prolific bloomer to add to the ever-growing list of popular floribundas. Hardiness, freedom of bloom and easiness of growth have made them outstanding as a flowering border or as individual specimens. Ma Perkins brings a new color and a rich and unusual fragrance to this new class. The delightfully shaped buds of deep salmon-pink with dashes of gold and flushed with red open into soft coral-pink flowers. Grows 3 feet tall and from its parents (Fashion and Red Radiance) inherits ruggedness and hardiness. $2.25 each; 3 for $6; $22.50 per doz.

Pink Rosette. Pat. 902. Open sprays of peach-pink buds with 50 shell-like petals, becoming perfectly formed blooms. Extra strong plants. Blooms continuously. $1.75 each; 3 for $4.75; $17.50 per doz.

Pinocchio. Pat. 484. Buds are salmon suffused with gold, becoming soft, clear pink as the 30-petaled flowers expand. Height 2 feet. $1.50 each; 3 for $4.15; $15 per doz.

Summer Snow. Pat. 416. A beautiful pure white Floribunda with 3½-inch flowers in clusters on 2-foot plants. $1.50 each; 3 for $4.15; $15 per doz.

Vogue. Pat. 926. This 1952 All-America Winner has already received several gold medals both in this country and abroad. It is related to the famous variety Fashion, and it introduces a new color—an intensive cherry-coral. The flowers have the perfection of a high-centered Hybrid Tea rose 3 to 4 inches across. Fragrance is most delightful. The plant is vigorous and upright, and besides its desirability in the rose garden, it is ideal for use in the foreground of foundation plantings. $2.25 each; 3 for $6.10; $22.50 per doz.

World's Fair. Pat. 362. Deep velvety red, clustered flowers add brilliant patches to the garden from June to frost. $1.50 each; 3 for $4.15; $15 per doz.

POPULAR VARIETIES *that have stood the test of time*

Radiance. One of the most reliable and easily grown. The deliciously fragrant flowers are two-toned rose-pink. Vigorous and free flowering. $1.50 each; 3 for $4.15; $15 per doz.

Red Radiance. A cerise-red sport of the well-known and popular Radiance. It inherits all the fine qualities of the latter—vigorous growth, erect branching habit, and healthy dark green foliage. The stems are long and rigid. Delightfully fragrant. $1.35 each; 3 for $3.45; $13.50 per doz.

Remembrance. A new variety from California, an offspring of the Fred Howard rose. Flowers of medium size, double, with high center. Yellow shading to rose-color at edge; buff-yellow reverse. Glossy, coppery green foliage. A profuse bloomer. $2 each; 3 for $5.50; $20 per doz.

Sister Therese. Splendidly shaped, golden yellow buds open into high-centered, artistic flowers of pale cadmium-yellow with deeper tones of orange-yellow. Dependable. $1.50 each; 3 for $4.15; $15 per doz.

Sleigh Bells. Pat. 1004. White roses always have a special appeal to a great many gardeners, and consequently Sleigh Bells is destined for popularity. $2 each; 3 for $5.50; $20 per doz.

Sutter's Gold. Pat. 885. The growth is vigorous, the foliage green and highly resistant to mildew, but the glory of this variety is its fragrant flowers. It has long-pointed, yellow buds richly shaded with orange and red. When fully open, it is a superb yellow rose with coppery veins through the petals. $2.25 each; 3 for $6.10; $22.50 per doz.

Talisman. A strikingly beautiful rose. In the bud it is particularly attractive. The color is a combination of gold-yellow, apricot and deep pink or old-rose. Very free blooming. Popular for corsages. $1.50 each; 3 for $4.15; $15 per doz.

Tango. A newer variation on the two-toned roses such as Talisman and President Hoover. Golden yellow and deep burnt-orange flowers almost constantly from June to killing frost. $1.50 each; 3 for $4.15; $15 per doz.

The Doctor. Awarded the National Rose Society Gold Medal. A clear rose-pink of enormous size, with large stiff petals. The plants are moderately vigorous and very free flowering, and the flowers have a delightful verbena-like fragrance. $1.50 each; 3 for $4.15; $15 per doz.

Tom Breneman. Pat. 986. Long, coral-rose buds expand slowly to beautiful long-lasting blooms, heavily perfumed. $2 each; 3 for $5.50; $20 per doz.

Will Rogers. Pat. 256. The flowers are a velvety dark crimson-maroon which holds its color till the last petal falls. The fragrance is so intense that a few flowers will scent a room with attar-of-roses fragrance. In form the flowers are quite double, with a beautiful ruffled petal arrangement. $1.50 each; 3 for $4.15; $15 per doz.

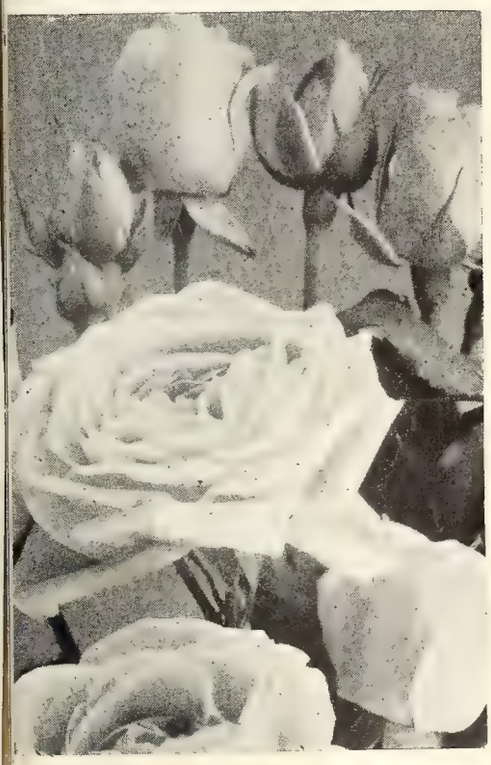
McGredy's Scarlet

. . . about Alyssum

The annual varieties of Alyssum listed under Flower Seeds make excellent neutral-colored ground covers for rose beds. They not only flower until a killing frost but also protect the soil from summer baking. Try them this year.

EVERY ITEM IS PREPAID SEND NO POSTAGE

Pinocchio



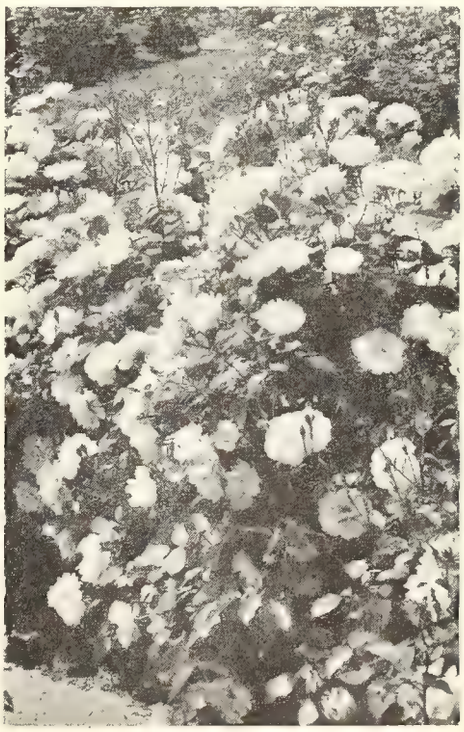
Finer ROSES

The quality and quantity of blooms you get, of course starts with the best bushes you can buy . . . the top-grade, vigor-packed, Number 1, northern-grown plants offered on these pages, for example. The care from this point is the other deciding factor in growing successful roses. Feeding and protecting against insects and disease are two major factors, and we repeat below the descriptions from our Fertilizer-Insecticide pages, two products, which we recommend for these purposes. We suggest that you order them, together with a good spray gun, when you order your roses.

Red Barn Rose Food. Especially balanced food for roses. Contains the essential elements to vitalize the entire plant, adding color and vigor as well as building up resistance to disease. Long-time favorite. 5 lbs. $1.10.

Rose Dust. A control maintaining proper toxic ingredients to kill many sucking and chewing insects on roses. Mildew, black-spot and some blights are kept in check by added fungicides. Can be used as spray or dust. Lb. $1.25; 4 lbs. $3.90.

Summer Snow



Climbing New Dawn

HARDY *Climbing Roses*

There are many ways of using climbing roses in landscape design. They are ideal for trellises, may be trained on posts or festooned on chains slung between the posts. By the use of hooks, climbing roses may be trained against masonry and are very effectively grown in this manner.

Everblooming Hardy Climbers

NEW DAWN. Climbing rose with long-stemmed, blush-pink flowers, slightly fragrant Blooms repeatedly when well established. Very sturdy and hardy; 15 feet in height.

DREAM GIRL. Pat 643. (Shown at left.) Possesses everything that is desired in a climbing garden rose. It is everblooming, of a luminous coral-pink color, and continues to bloom throughout the summer. It finishes the season with a veritable riot of color in late fall. The plant makes fine healthy growth and is perfectly hardy. $2.25 each; 3 for $6.10; $22.50 per doz.

High Noon. Pat. 704. One of the loveliest of the hardy large-flowered climbers. Long-pointed, deep yellow buds open to lemon-yellow flowers borne on long, stiff stems suitable for cutting. $2.25 each; 3 for $6.10; $22.50 per doz.

Gold Rush. One of the best hardy yellow climbers. Dark green, glossy foliage with long-stemmed, full-centered flowers of molten gold. The plant is vigorous.

Blaze. Intense red flowers in great numbers during early summer, with some color later in the season.

Standard Hardy Climbers

Instead of scattering their flowers over the whole season these ever popular varieties make a grand show in late May and early June.

Mme. Gregoire Staechelin (Spanish Beauty). Delightful long-pointed buds opening to grand blooms of iridescent pearly pink with splashes of carmine on the firm outer petals. Beautiful to look at and also very fragrant.

Paul's Scarlet Climber. Clusters of vivid scarlet that do not fade in the sun. Well-established plants keep producing flowers long after the normal blooming period.

Silver Moon. Large, open white flowers with conspicuous yellow centers and excellent foliage.

Hardy Climbing Roses, $1.50 each; 3 for $4.15; $15 per doz., except where noted.

CLIMBING *Hybrid Teas*

The climbing hybrid tea roses are not as hardy as the standard climbers and in the North should be well mulched in winter. They bear florist's quality flowers from June until Fall.

Climbing Condesa de Sastago. The coppery-colored flowers enlivened by flushes of yellow on the reverse make this variety unusual and interesting. $1.50 each; 3 for $4.15; $15 per doz.

Climbing Heart's Desire. Pat. 663. Combines deep rich red, fragrant flowers with the graceful habit of a climber. $1.75 each; 3 for $4.75; $17.50 per doz

Climbing Peace. Pat. 932. Blooms similar to those of the popular Peace rose, on long canes suitable for trellises. $2.50 each; 3 for $6.75; $25 per doz.

Climbing Pink Radiance. Two-toned pink flowers on vigorous plants. $1.50 each; 3 for $4.15; $15 per doz.

Climbing President Hoover. A beautiful bicolor, scarlet and yellow in the bud, opening to soft yellow with scarlet markings. $1.50 each; 3 for $4.15; $15 per doz.

Climbing Talisman. The familiar Talisman rose on long canes. The rich bicolor tones are new in the climbing type. $1.50 each; 3 for $4.15; $15 per doz.

Climbing Pink Radiance

Shrub Roses

More vigorous and hardier than most other types. Excellent for hedges, also as specimens in a shrub border. Covered with flowers from June to frost.

F. J. Grootendorst. Showy, bright red, fringed flowers produced in large clusters atop strong canes. $1.50 each; 3 for $4.15; $15 per doz.

Pink Grootendorst. A pink counterpart of the above. $1.50 each; 3 for $4.15; $15 per doz.

Red Ripples. A free-blooming shrub with rich crimson-red flowers in clusters. Informal and good. $1.50 each; 3 for $4.15; $15 per doz.

The opposite page is one of our advertisements which appeared in Flower Grower and Popular Gardening Magazines. We repeat it here so that you may try some of these excitingly different Tuberous Begonias.

New TUBEROUS BEGONIA *Beauty for Your Garden!*

Check this amazing selection of the newest and finest varieties from *HENDERSON . . . the Leader*

We'll bet that even you garden hobbyists didn't know about some of these varieties. Different, intriguing, colorful—they're wonderful to add glowing color to those difficult shady spots. You can start them now to get early blooms. All tubers are guaranteed to be our largest and best. *All prices are postpaid!*

CRESTED TYPE . . . . . 3 for $1.25

45¢ each 10 for $4.00 25 for $9.00

Semi-double flowers with the inner petals delightfully ruffled and crested with contrasting colors. One of the most beautiful of the tuberous begonias. Habit is low and compact, foliage dark and shiny. We believe this to be one of the finest we have to offer. Colors: Mixed only.

PICOTEE TYPE . . . . . 3 for $1.00

35¢ each 10 for $3.00 25 for $7.00

Has the form and size of the familiar camellia type with the margins of the petals a different color from the rest of the flower. Mixed colors.

CRISPA TYPE . . . . . 3 for $1.00

35¢ each 10 for $3.00 25 for $7.00

Single, frilled, giant sized flowers with color accented by a bright yellow center. Your choice of: Crimson, White, Scarlet, Apricot, Yellow, Pink or Mixed.

CARNATION TYPE . . . 3 for $1.00

35¢ each 10 for $3.00 25 for $7.00

Fully double flowers, notched along the edges like a carnation—often 7 to 8 inches across. Your choice of: Salmon, Pink, White, Dark Red, Yellow, Orange, Scarlet or Mixed.

DAFFODIL TYPE . . . . . 3 for $1.35

50¢ each 10 for $4.50 25 for $10.00

Inner petals form a cup; outer petals arranged around, resembling the familiar daffodil. In a mixture of Yellow, Salmon, Orange and Scarlet.

ROSEBUD TYPE . . . . 3 for $1.25

45¢ each 10 for $4.00 25 for $9.00

The inner petals cling together as in a beautiful rosebud. In a mixture of rose shades. Double.

MARMORATA TYPE . . . 3 for $1.25

45¢ each 10 for $4.00 25 for $9.00

Camellia type flowers—double, red with white spots and stripes. Very popular in Europe. Should be here, when it becomes better known.

HANGING BASKET TYPE 3 for $1.00

35¢ each 10 for $3.00 25 for $7.00

Wonderful for porch baskets, window boxes or in a mixed planting with other begonias. Graceful pendulous flowers all summer long. Your choice of: Pink, Rose, Scarlet, Yellow, White, Salmon or Mixed.

MARGINATA TYPE . . . 3 for $1.25

45¢ each 10 for $4.00 25 for $9.00

Similar to Crispa, except that ruffled edges are in deeper contrasting colors. Two color choices: White with rose edges; salmon with copper edges.

MULTIFLORA TYPE . . . 3 for $1.00

35¢ each 10 for $3.00 25 for $7.00

A strikingly beautiful plant covered with small clusters of flowers in rich colors. Mixed Colors.

OUR COMPETITIVE TYPES, 10 for $1.00

25 for $2.25

These are the always popular camellia types so widely sold. Tubers are not as large as those listed above but are the usual flowering sizes offered. An excellent value. Mixed colors, including Salmon, Crimson, Pink, Yellow, White, Scarlet, Copper, Orange.

IT'S FREE! Our 1953 Spring Catalog featuring all the newest and finest annual and perennial flowers, vegetables, Spring flowering bulbs, roses. Page after page of glowing color. The best in Garden Books, Tools, Insecticides, Fertilizers. *Write for your copy today.*

MAIL ORDERS FILLED PROMPTLY! Write to Peter Henderson, Stumpp & Walter, C-1 Henderson Bldg., 1010 Garfield Ave., Jersey City, N. J. All above prices *include* postage. Be sure to specify your color selection where separate colors are offered. The stock on some varieties is short, so act now. Send your order today. No orders accepted for less than $2.00.

This book will help you!

"Tuberous Begonias" *by Worth Brown* **$2.75**

A complete guide for both the amateur and the specialist . . . complete instructions on how to grow tuberous begonias . . . listing of varieties and types . . . many illustrations!

Peter Henderson – Stumpp & Walter

(Seedsmen Since 1847)

Henderson's PROVEN MIXTURES FOR LAWNS

Grass Seed Mixtures vary greatly in both price and quality . . . in fact, definite standards of germination and mixture must be met before it is legal to use the words Lawn Seed upon a package. These standards should help you select the seed you need, for it is obvious that even the price you pay for the best of lawn seed mixtures is but a relatively small part of the cost of that lawn. On the other hand, if you want a temporary lawn, most of the grass seed mixtures which contain much less of the small-seeded permanent grasses should serve your purpose.

The varieties starred below are described fully on the inside back cover.

	Lb.	2½ lbs.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
***Staigreen Lawn Seed**	$1 50	$3 70	$7 25	$14 00	$33 50	$125 00
***The Henderson Lawn Seed**	1 25	3 10	6 00	11 50	27 50	100 00
Creeping Bent Seed	2 25		10 70	20 00	48 50	
***Shady Place Lawn Seed**	1 50	3 70	7 25	14 00	33 50	125 00
Greenwood Formula (for cemeteries, parks and campus)	1 00		4 75	9 35	21 50	80 00
***GreenlawnGrassSeed**	$0 85		$3 75	$7 25	$16 50	$60 00
Sunny South Lawn Seed (for lawns in the South)	1 25		6 00	11 00	25 00	95 00
N. J. Formula No. 1 (with clover) (for standard lawns)	1 25	$3 10	6 00	11 50	27 50	100 00
N. J. Formula No. 1a (without clover) (for standard lawns)	1 25	3 10	6 00	11 50	27 50	100 00
N. J. Formula No. 2 (for finest quality lawns)	1 50		7 25	14 00	33 50	125 00
N. J. Formula No. 3 (for shaded lawns)	1 35		6 50	12 50	29 50	110 00
N. J. Formula No. 4 (for poor, shaley or sandy soils)	1 30		6 25	12 00	28 75	105 00
N. J. Formula No. 4a (similar to No. 4 but without clover)	1 30		6 25	12 00	28 75	105 00

GRASSES AND MIXTURES *for Airports, Farms and Athletic Fields*

GENERAL SPORTS

Touchdown Formula. For football. 5 lbs. $7.25; 25 lbs. $32.50; 100 lbs. $125.

Hurlingham Sports Formula. A tough grass for athletic sports, polo, baseball, football. 5 lbs. $7.25; 25 lbs. $32.50; 100 lbs. $120.

Tough Turf. For athletic fields and lawns. 5 lbs. $6; 25 lbs. $25; 100 lbs. $95.

Tennis Formula. For tennis and croquet. Lb. $1.90; 5 lbs. $9; 25 lbs. $37.50; 100 lbs. $140.

Airport Formula. A formula of exceedingly tough, deep-rooting, soil-binding grasses for landing fields and runways. Superfine Quality, 100 lbs. $105. Fine Quality, 100 lbs. $85.

AGROSTIS VARIETIES OR BENTS

	Lb.	10 lbs.	25 lbs.
Triple A Bent (*A. tenuis*). A true creeping Bent	$2 50	$22 50	$52 50
Seaside Bent, Coos Co. Strain (*A. palustris; A. maritima*)	2 25	20 00	48 50
South German Mixed Bent	2 50	22 50	52 50
Rhode Island or Colonial Bent (*A. tenuis*)	2 25	20 00	48 50
Astoria Bent (*A. tenuis* var.)	2 25	20 00	48 50
Highland Bent	2 00	18 00	43 50
Polycross Bent	12 50		
Redtop (*A. alba*). Recleaned Quality	1 25	11 00	25 00
Superfine Quality. (Specialist's Stock)	1 35	12 00	27 50

FESTUCA VARIETIES OR FESCUES

	Lb.	10 lbs.	25 lbs.
Red Fescue, Chewing's Strain (*F. rubra commutata*)	$1 50	$14 00	$32 50
Illahee Creeping Red Fescue	1 65	15 00	35 00
Creeping Red Fescue (True Strain)	1 50	14 00	32 50
Meadow Fescue. (*F. pratensis*)	60	5 00	11 00
Tall Fescue, Alta (*F. elatior*)	1 00	9 00	20 00

POA VARIETIES OR BLUE GRASSES

	Lb.	10 lbs.	25 lbs.
Canadian Blue Grass (*P. compressa*)	$1 50	$13 50	$32 50
Kentucky Blue Grass or June Grass (*P. pratensis*) Recleaned Quality	$1 45	$13 50	$31 50
Superfine Quality. (Specialist's Stock)	1 60	15 00	35 00
Shade Blue Grass, Bird Grass or Rough-Stalked Meadow Grass (*P. trivialis*)	1 35	12 50	29 00
Delta Blue Grass	3 50	32 50	

LOLIUM VARIETIES OR RYE GRASSES

	Lb.	10 lbs.	25 lbs.
Perennial Rye Grass (*L. perenne*)	$0 50	$4 00	$9 00
Italian Rye Grass (*L. italicum; L. multiflorum*)	45	3 75	8 50
Domestic Rye Grass	40	3 50	7 50
Pacey's Perennial Rye	60	5 00	11 00

FOR GOLF

	Lb.	5 lbs	25 lbs.	100 lbs.
Standard Putting-Green Formula. For dry, light soils	$1 90	$9 00	$37 50	$140 00
Special Putting-Green Bent Formula. For well-prepared, rich soils.	2 00	9 50	40 00	150 00
Fairgreen Formula (with Bent). Superfine Quality	1 50	7 25	32 50	120 00
Fairgreen Formula (Standard)	1 25	6 00	26 50	95 00
Problem Fairway Formula. Resistant to drought, heat and chinch-bug.		8 25	36 00	130 00
Irrigated Fairway Formula. Use where soil is kept moist with watering system		8 50	37 50	135 00
Special Formula for Tees	1 45	7 00	30 00	115 00
Special Rough Formula	1 10	5 00	20 00	72 50

SUNDRY VARIETIES

	Lb.	10 lbs.	25 lbs.
Bermuda Grass, Unhulled (*Cynodon dactylon*)	$1 35	$12 50	$27 50
Bermuda Grass, Hulled	1 65	15 00	35 00
Orchard Grass (*Dactylis glomerata*)	70	6 00	13 50
Timothy or Herd's Grass (*Phleum pratense*)	55	4 50	10 00
Zoysia	6 00	50 00	

CLOVERS FOR LAWNS

White Clover. Used in mixture for pastures or lawns; useful in making heaviest green turf to last for many years and to stand rough treatment. Covers the ground with a thick mat of vigorous plants. Oz. 20c; ¼lb. 50c; ½lb. 75c; lb. $1.25; 10 lbs. $11.50.

Wild White Clover. More permanent and spreading. Thrives on soils too poor for other clovers. Dwarfer, smaller leaf and flowers less freely than regular white (Dutch) lawn clover. Resists drought and helps to keep crabgrass under control. Use 5 percent in a lawn grass mixture or sow on existing turf, ¼ pound per 1000 square feet. Oz. 25c; ¼lb. 65c; ½lb. $1.15; lb. $2; 10 lbs. $19.

CLOVER AND ALFALFA

Henderson's Clover and Alfalfa. Seed of maximum purity and highest germination.

Alsike or Swedish Clover. Lb. $1.10; 10 lbs. $9.50; 100 lbs. $80.

Crimson Clover. Lb. 65c; 10 lbs. $5.50; 100 lbs. $40.

Ladino Clover. Lb. $2.50; 10 lbs. $23.50.

Medium Red Clover. Lb. $1; 10 lbs. $8.50; 100 lbs. $70.

Mammoth Red Clover. Lb. $1; 10 lbs. $8.50; 100 lbs. $70.

White Sweet Clover. Lb. 65c; 10 lbs. $5; 100 lbs. $35.

Alfalfa or Lucerne. Lb. $1.30; 10 lbs. $11; 100 lbs. $95.

Ranger Alfalfa. Lb. $1.60; 10 lbs. $14; 100 lbs. $125.

Grimm Alfalfa. Lb. $1.40; 10 lbs. $12; 100 lbs. $105.

Birdsfoot Trefoil. Lb. $1.85; 10 lbs. $16.50.

Lespedeza, Korean. Lb. 50c; 10 lbs. $4; 100 lbs. $25.

★

In growing legumes, inoculation of the seed with nitrogen-fixing bacteria is often of great value. Legume inoculant is sold as live bacteria in a base which contains sufficient moisture to preserve the organisms. State when ordering whether the inoculant is to be used for alfalfa or clover. Bus. size 50c; 2½-bus. size $1, postpaid.

Henderson's QUALITY SEEDS for Profitable Farming

Field Corn

Rate of planting: For ears, 1 peck to the acre; for silage, ½ bushel to the acre; for fodder, 1 bushel to the acre.

Hybrid Varieties

The hybrids are more husky, more disease resistant and far heavier producers of grain or ensilage or both.

U. S. No. 13 Hybrid Bent. Ears are large, deep grained and bright golden yellow. Matures in 115 days. Qt. 75c; pk. $3.50; bus. $11; 10 bus. $100.

Hybrid Yellow Dent. Produces a high yield of long, large, sound ears with deep kernels. For ensilage and grain. 105 days. Qt. 80c; pk. $3.75; bus. $12; 10 bus. $110.

Open-Pollinated Varieties

Early Golden Orange Dent. A 90 to 100-day variety. The strong stalks are 10 to 12 feet high. Qt. 65c; pk. $2.75; bus. $8.50; 10 bus. $75.

Longfellow (Flint). Ears 12 inches long, with good-sized kernels and small cobs. Grown for ears as far north as Massachusetts. 90 days. Qt. 60c; pk. $2.50; bus. $8; 10 bus. $70.

Popcorn for Popping

Giant Yellow. Lb. 25c; 5 lbs. $1.10.

Cereals

SEED OATS. For production of grain, sow 2½ bushels per acre; for forage, 3 bushels.

Clinton. Early, high-yielding oats of straw-colored type. Pk. $1.25; bus. $3.50; 10 bus. $32.50.

Welcome. A heavy variety of Swedish type oats. Very productive. Qt. 25c; pk. $1.10; bus. $3.25; 10 bus. $30.

SPRING RYE. A valuable crop to plow under for soil improvement, in combination with vetch, using 1 bushel with 50 pounds of vetch to the acre. When grown alone, sow 2 bushels to the acre. Qt. 50c; pk. $2.50; bus. $7.50; 10 bus. $70.

SPRING WHEAT. Develops a heavy crop of hard, beardless wheat. Sow 1½ bushels to the acre. Qt. 50c; pk. $2.50; bus. $7.50; 10 bus. $70.

Field Carrots

Especially valuable for horses. Sow 4 pounds to the acre from May to July 1.

Mammoth White Belgium. ¼lb. 75c; lb. $2.25; 10 lbs. $21.

Danvers Cattle. ¼lb. $1; lb. $2.75; 10 lbs. $26.

Long Orange Cattle. ¼lb. $1; lb. $2.75; 10 lbs. $26.

Soybeans

Seed should be sown 3 to 4 pecks to the acre in 24-inch rows, or 6 to 8 pecks if sown in drills or broadcast.

Mammoth Yellow. Too late for production of beans in northern latitudes but excellent for silage, for hay or for a crop to turn under. Yellow seed. Qt. 55c; pk. $2.75; bus. $7.50; 10 bus. $70.

Wilson. Smaller than Mammoth Yellow; similar in growth and use but earlier. Black seed. Qt. 60c; pk. $3; bus. $8.50; 10 bus. $80.

Earliana. Grows quickly enough to mature beans in the North. Yellow seed. Qt. 60c; pk. $3; bus. $8.50; 10 bus. $80.

Mixed Soybeans. In a mixture, soybeans are one of the most valuable of cover crops because of nitrogen-fixing bacteria action and wealth of organic material for plowing under. Grows quickly; effective in keeping weeds down in unused soil. Qt. 55c; pk. $2.75; bus. $7.50; 10 bus. $70.

Other Farm Seeds

JAPANESE BUCKWHEAT. A superior buckwheat with grains twice the average size. Sow in June or July, broadcasting at the rate of 2 bushels to the acre. Lb. 25c; 10 lbs. $2; 100 lbs. $12.50.

DWARF ESSEX RAPE. For sheep, hogs and cattle. Seed is sown in July or August, broadcasting 12 pounds to the acre or sowing in drills, 5 pounds to the acre. Lb. 40c; 10 lbs. $3.50; 100 lbs. $27.50.

MILLETS. Catch crops to replace corn, wheat or other crops that have failed. Fed green or as silage or hay.

Golden Millet. Sow 50 pounds to the acre. Lb. 30c; 10 lbs. $2; 50 lbs. $8.75; 100 lbs. $16.50.

Hungarian Millet. Sow 50 pounds to the acre. Lb. 30c; 10 lbs. $2.10; 50 lbs. $9.50; 100 lbs. $17.50.

Japanese Millet. Broadcast 25 pounds to the acre. Lb. 30c; 10 lbs. $2.10; 50 lbs. $9.50; 100 lbs. $17.50.

SUDAN GRASS (Sorghum). A valuable forage plant that makes a fine hay. Sow 20 pounds to the acre. Lb. 40c; 10 lbs. $3.50; 50 lbs. $15; 100 lbs. $27.50.

SUNFLOWER, Mammoth Russian. Grown for poultry. Four pounds of seed is sufficient for planting an acre. Lb. 60c; 10 lbs. $4.50; 50 lbs. $21.50; 100 lbs. $40.

GREEN MANURE SEED MIXTURE. A combination of various rapid-growing grasses and legumes which will add humus and nitrogen to the soil. Plant early in the fall for turning under in the spring or for use for spring sowing and early summer turning under. Broadcast 1 pound per 1000 square feet. Lb. 50c; 10 lbs. $3.75; 50 lbs. $16; 100 lbs. $30.

Vetch

An excellent cattle feed for milk production and for fattening stock, whether green or as silage or hay. Usually grown with oats, wheat or rye, to keep the climbing plants off the ground. A recommended crop for plowing under to improve the soil.

Spring Vetch (*Vicia sativa*). Sown in spring, broadcast 150 pounds to the acre. In combination, 1 bushel of a cereal is used with 50 pounds of vetch. Lb. 40c; 10 lbs. $3.25; 100 lbs. $22.50.

Winter or Hairy Vetch (*Vicia villosa*) For spring and autumn seeding, broadcast 100 pounds to the acre or plant 75 pounds in drills. In combination, 1 bushel of a cereal is used with 50 pounds of vetch. Lb. 65c; 10 lbs. $5.50; 100 lbs. $40.

Mangel

Easily stored animal food, nutritious and readily digested. Seed is sown in drills 30 inches apart and thinned to 12 inches. Use 6 to 8 pounds per acre.

Klein Wanzleben Sugar Beet. High sugar content. Oz. 25c; ¼lb. 75c; lb. $2; 10 lbs. $18.50.

Mammoth Long Red. Roots are enormous, uniform in shape, smooth and clean, with small top growth. ¼lb. 50c; lb. $1.50; 10 lbs. $14.

Golden Tankard. Well-shaped roots with deep orange skin and golden yellow flesh. A variety which sheep prefer to any with white flesh. Under ideal conditions, a field may yield 75 tons an acre. ¼lb. 50c; lb. $1.50; 10 lbs. $14.

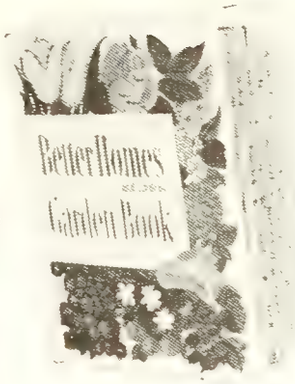
Hay or Permanent Pasture Mixtures

Formula No. 1. Grasses only of high quality for pasture and hay, consisting of permanent varieties, correctly proportioned. No clover. Sow 45 pounds per acre. Lb. 90c; 10 lbs. $8; 100 lbs. $65.

Formula No. 2. Grasses and clovers of high quality for pasture and hay. This mixture consists of ingredients giving good pasturage and heavy cuts of highly nutritious hay. Sow 40 pounds per acre. Lb. $1; 10 lbs. $9; 100 lbs. $75.

Formula No. 3. Clovers only of high quality for rich pasturage. No grasses. Sow 15 pounds per acre. Lb. $1.25; 10 lbs. $11.50; 100 lbs. $100.

Low-Cost Formula No. 4. For hay and pasturage; consists of timothy, red-top and clover only. Sow 30 pounds per acre. Lb. 70c; 10 lbs. $6.50; 100 lbs. $47.50.



Better Homes and Gardens GARDEN BOOK

A year-round guide to practical home gardening, richly illustrated in color and featuring a loose-leaf binding and index tabs for quick reference and easy addition of personal notes. **$3.95**

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10,000 GARDEN QUESTIONS ANSWERED **$4.95**
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A garden book in great demand throughout the year. Written in question-and-answer manner by experts who have dependable advice to offer in their particular fields. Completely indexed.

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The well-arranged index guides the seeker without delay to the direct answer to his question whether it be "How deep shall I plant my Lilies?" . . . "Why do Peonies often fail to bloom?" and so on. The clever drawings save hundreds of words. 386 pages.

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An excellent book for the new gardener, covering the major problems involved in growing the common kinds of plant material, and written in a pleasing manner.

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A standard book on the propagation of plants; comprehensive, dependable, based on broad and thorough experience.

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McFarland and Pyle
If roses are a problem or a potential hobby, these outstanding rose specialists offer just the information required.

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A comprehensive study of shrubby plant material, complete with lists of plants for specified areas and a chart to indicate flowering dates, heights and other essential information.

BOOK OF TREES **$4.**
Alfred C. Hottes
Companion to the Book of Shrubs, describing a wide range of woody plant material too large to come under the heading of shrubs. Complete with ready-reference chart and lists for specific locations.

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Donald C. Peattie **$5.**
A book-full of tree history and folk-lore—complete with common and botanical names, range, nature and use of wood as well as detailed descriptions of tree silhouettes, leaves, barks, flowers and fruits. Illustrations by Paul Landacre add to Mr. Peattie's art as a nature writer.

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Helen V. P. Wilson
A fresh new edition of the most popular book about African violets. Packed full of up-to-the-minute information on hundreds of varieties and step-by-step directions on how to make them flower. There are 48 pages of illustrations, 29 varieties in full color.

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Jan de Graaff
The new emphasis on lilies is largely due to hybridizing of superb new varieties by this author. 16 beautiful natural color photographs and 12 pages of drawings bring the gardener up to date with the new introductions and offer invaluable suggestions for lily culture.

COMPLETE BOOK OF FLOWER ARRANGEMENT **$4.95**
Rockwell and Grayson
A very attractive book, generously illustrated and offering a great many professional ideas for the effective arrangement of flowers.

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A guide to bird identification with over 400 illustrations of birds in accurate color as well as many interesting facts about bird life.

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A very clever guide, made particularly valuable because of its accent on little differences that immediately distinguish birds of similar appearance Illustrated in color.

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This book shows us how to recognize clouds, to notice changes in temperature and to make our own daily forecasts. In addition, there is a glossary of important weather reports and a chapter covering basic tools. Contains 13 illustrations.

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If pruning is a problem, this is the book to explain its importance and describe when and how it should be done.

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An expert writes a fascinating book on what to grow in the house, including flowers, foliage plants, shrubs, bulbs and vines.

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The truly complete book on these increasingly popular shaded-garden plants. Describes the principal types, giving complete cultural directions. Profusely illustrated.

GARDEN BULBS IN COLOR **$3.49**
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The 250 illustrations in full color and many fine black-and-white pictures are a wonderful introduction to bulbous material. Cultural and descriptive notes are dependable and not too technical for pleasant reading.

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Lavishly illustrated with color plates, and including much valuable information on garden annuals and perennials.

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F. F. Rockwell
A brief and direct treatise on gladiolus and their culture, which includes all the information necessary for success with this flower.

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A comprehensive 250-page book on the culture of dahlias.

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Annuals are indispensable as a source of flowers on a small place. Concise advice on which ones to grow and how to grow them.

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Complete instructions, including protection against pests, how to make plants bloom, etc. Illustrated. **$1.35**

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How to build hanging baskets, tubs and window boxes, and how to garden in them. Illustrated. **$1**

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307 photos, drawings and plans for lathhouses, greenhouses, work centers, etc. **$1**

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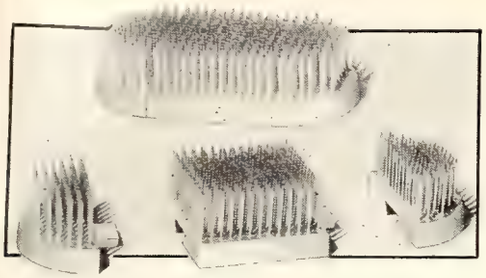
MAGIC-DRIP CANDLES. (Shown at right.) Snow-white candles that drip many colors as they burn are as fascinating to watch as changing hues in a log fire. Box of three 10-in. candles $1.



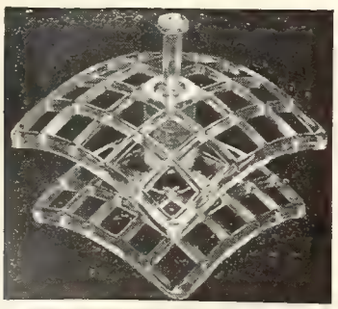
SECTIONAL PIN FROG makes many original flower arrangements possible. Segments fit closely as one unit or can be used separately. Sharply pointed brass pins set in lead hold flowers securely. Combined size 3¾ in. long, 1⅛ in. wide. $1.75.

THREE-INITIAL BRANDING IRON

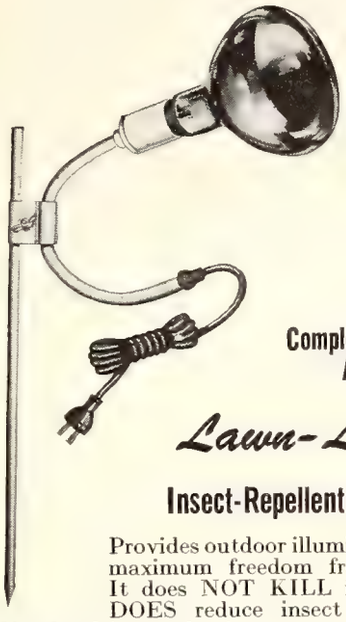
Custom-made for yourself or as a personalized gift. Head is quickly heated for branding sports equipment, garden tools, toys, etc.

Use it on leather, wood or rubber. Please allow 3 weeks for delivery. $3.95.

WICKER MAILBASKET has an old-fashioned rural air. 10 in. long, 6½ in. wide, 6½ in. deep, with plenty of room for letters, newspapers and magazines. Nicely made, natural finish. $1.50.



"GADJO" FLOWER FASHIONER firmly attaches itself by a suction cup to the bottom or side of a bowl, is especially good for shallow or glass bowl arrangements. Of crystal-clear plastic, cleverly designed to hold flowers exactly as placed. $1.



Completely Adjustable

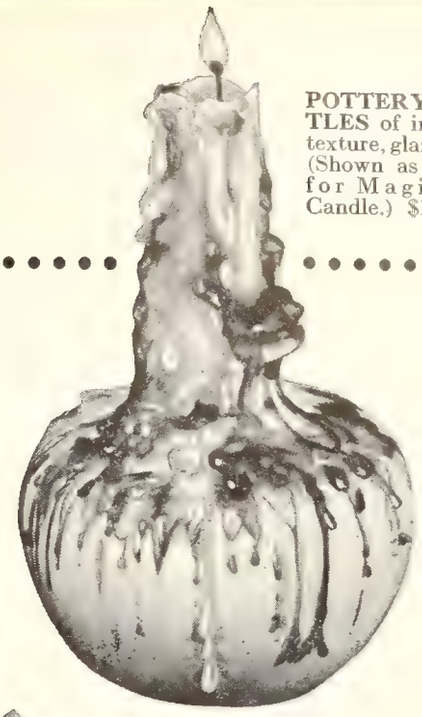
Lawn-Lite

Insect-Repellent Lamp

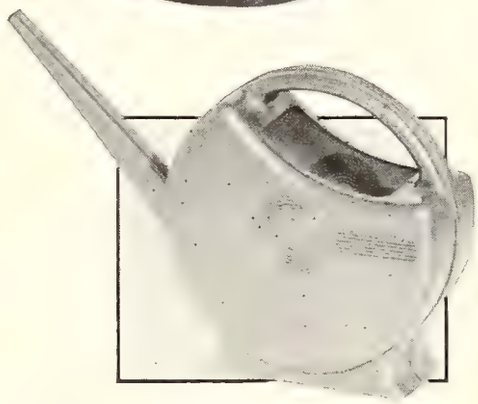
Provides outdoor illumination with maximum freedom from insects. It does NOT KILL insects, but DOES reduce insect attraction. Simply drive stake into ground or fasten bracket with screws to any tree, post or building and adjust curved arm for light direction. $6.50.

AJELLO CITRONELLA FLARES chase flies and insects away. Safe, handy, they burn 6 hours or more, won't blow out. Packed in foolproof metallic foil container with flame-extinguishing cover. Box of six, $1.25.

THREE-TIERED PLANT STAND with graceful lines that fit into traditional or modern decorating schemes. Sturdily constructed iron to hold plants a-plenty. Finished with easy-to-clean white enamel. 34 in. high, 24 in. wide, 22½ in. deep. $13.50.



POTTERY BOTTLES of interesting texture, glazed finish. (Shown as a holder for Magic-Drip Candle.) $1 each.



PLASTIC WATERING POT to hang or stand in a spot that begs for a bit of gay color. Holds almost a quart of water; measures 10½ in. long, 6 in. high. In fadeproof bronze, red, green or yellow. Name your color choice. $1.25.

for the Children

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Written by authorities in various fields, copiously and beautifully illustrated in full color by outstanding artists. Works of art as well as instructive, they make learning fun.

BIRDS. Identifies more than 250.

FLOWERS. Has 250 different kinds.

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TREES. Leaves and tree shapes make identification easy. Each book, $1.

EVERY ITEM IS **PREPAID** SEND NO POSTAGE

ADD *Birds* TO YOUR GARDEN

Bird houses offer an inexpensive way to add color and life to your home grounds. They will pay their rent in a short time by keeping injurious insects under control. These houses have been carefully selected because we have found that rustic homes are preferred by the birds as well as being unobtrusive. The earlier they are installed the surer you are of having tenants.

1. Wild Bird Feeding House. Of white cedar. Holds 5 lbs. of seed, which falls into narrow trough as it is consumed. Food remains dry and clean in hopper. Base 9 x 10½ in.; 11 in. high. $4.

2. Bluebird House. To add charm to any grounds. This is a particular favorite with bluebirds. Rustic white cedar. $2.50.

3. Rustic Wren House. Designed to meet the very exacting requirements of the vivacious little wren. Easily hung on tree or arbor. $2.50.

4. Robin House. With the open front and sides that robins insist upon. Can also be used as a feeding shelf. Rustic white cedar. $2.

5. Wren or Bluebird House. With hanger. Of rustic hemlock and stained cypress; can easily be fastened against the trunk of a tree. $3 (state which).

6. Bluebird House. With hanger. It's a rustic, heavily constructed house that will last indefinitely. $3.50.

7. Hollow Log Bluebird or Wrenhouse. Hanging Type. Fitted with metal ridge and hanging ring. Can also be mounted on a pole by screwing ½-in. floor flange on bottom **W-2. Wren House.** $3. **B-2. Bluebird House.** $4.

8. Hollow Log Bluebird or Wren House, Bracket Type. Has two holes near top of back for nailing to trees, buildings, etc. **W-1. Wren House.** $2. **B-1. Bluebird House.** $2.75.

EVERY ITEM IS PREPAID SEND NO POSTAGE

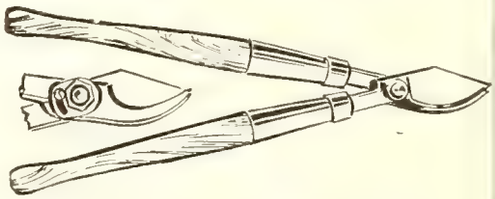
PRUNING SHEARS

Red Barn Slice Cut. (1) Serviceable, well-built chrome-finish shears of specially forged steel. Replaceable parts add years of usefulness. Pistol-grip handles offer a firm purchase, and open-end design prevents pinching. $2.95.

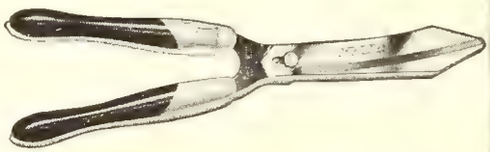
Adjustable Pruning Shears. (2) Quality steel with detachable blade adjusted for tightness by turning a ratchet nut. 9 in. long. Built for hard usage. $2.50.
California Pattern. Same as above, but without ratchet nut. $2.

Ladies' Pruning Shears. (3) Lightweight and effortless to use. V-shaped blade pressed against a non-dulling soft metal anvil that easily cuts ¾-in. branches. 6 in. long. $2.65.

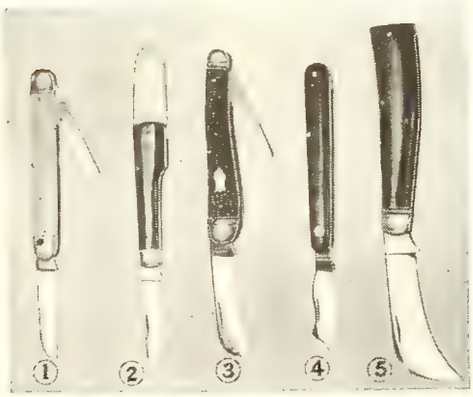
Imported Pruning Shears. (4) Beautifully machined, 8¼-in. drop-forged steel shears, expertly heat treated, ground and polished. Double-cut action severs branches close without injury to bark. 8¼ in. long. $5.



High-Grade American Lopping Shears. High-grade tool steel, carefully ground and fitted with 26-in. white ash handle for cutting underbrush and limbs. $4.50.



Domestic Hedge Shears. 9½-in. blade, $3.75. 6-in. blade, $2.10.



Budding and Pruning KNIVES OF SUPERIOR DESIGN AND QUALITY

No. 1. Budding and Grafting Knife. 4 in. long. 2 blades lined and with bolsters. Ivory celluloid handle. $3.75.

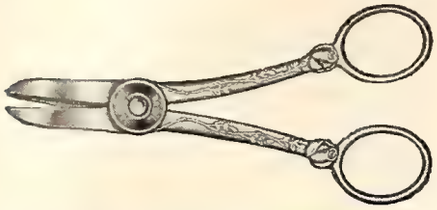
No. 2. Budding Knife. With stationary budder. 4⅝ in. overall; black celluloid handle 3⅛ in. long. 1 budding blade. $4.

No. 3. Budding and Pruning Knife. 4⅛ in. long. 2 blades lined and bolstered. Bone stag handle. $4.25.

No. 4. Budding Knife. 4 in. long; flat-sided blade with bark loosener on back. Lined, celluloid handle. $3.

No. 5. Large Pruning Knife. 4 7/16 in. long. Pruning blade. Cocobola handle, flat end. $3.

Good Gardening BEGINS WITH GOOD TOOLS

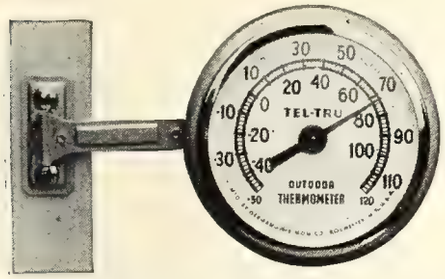


Flower-Gathering Shears
Well-constructed nickel-plated shears which cut and hold flower stems. $3.

WISS Flower Cutter Holder
A 5-oz. aluminum tool to cut and hold out-of reach flowers. Espeally valuable for thorny roses. 18 in. long. $3.25.

Garden Club Flower Shears
A sturdy 7-in. nickel-plated tool for cutting and holding flower stems. $1.50.

Grass Whip. A simple and effective tool for cutting tall grass and weeds. Removable 8½-in. blade and 35-in. handle. $2.15.



Handy Outdoor Thermometer. Fastens to outside of any window frame. Large figures, easily read. Useful in the greenhouse. Well made, accurate and attractive. Has 4-in. face, long arm, universal joint. Mounts in any desired position. A Tel-true precision instrument. $3.

R-0300 Thermometer. Similar to above but smaller. 3-in. face on shorter bracket. $1.50.

Doo-Clip Shears. (1) Self-tensioning tempered cutlery steel blades with rust-resistant cadmium finish. The grip handles work easily without pinching. $2.40.

Miracle Shears. (2) Newly designed to make this easiest working shear available. Blades cannot stick, shut or spread out of alignment. Cuts thinnest or toughest grass or weeds. No spring or rivet pressure on blades, which are oil hardened and hollow ground. $2.75.

Scissors-Type Grass Shears. (3) The most popular grass shears. Finest quality oil tempered edge and half-polished blades for years of efficient service. Raised handles keep knuckles from the ground. $1.50.

Red Barn Grass Shears. (4) The most popular grass shears. Finest quality oil tempered edge and half-polished blades for years of efficient service. Raised handles keep knuckles from the ground. Wt. 1 lb. $1.75.

Sickles
Domestic. Blade 16 in. long, full polished and sharp, treated with rust-proofing material. Handle designed for easy swinging. $1.10.

Dandelion Weeder and Cutter. A V-cut blade of high carbon steel as sharp as a chisel for cutting heavy-rooted weeds. Blade 1¼ x 2½ inches firmly attached to 3½-ft. handle. $1.35.

Asparagus Knife. Hammer forged from tool steel hardened and tempered to withstand rough usage. Well-sharpened notch blade for cutting weeds as well as asparagus. 95c.

Saws for all Purposes

No. 1. Pole Tree Pruning Saw. A peg-tooth blade 16 inches long, adjustable to three positions. Fastened to casting with bolt and wing nut and attachable to a pole of any desired length. Has hook to dislodge cut limbs. Without pole. $4.25. (Not illustrated.)

No. 2. Tuttle Tooth Saw. Extra-sharp teeth, for hardwood cutting. 20-in. blade, $4.95; 24 in. blade, $5.50.

No. 3. Duplex Saw. Lightning teeth on one edge and fine cutting teeth on the other. 18-in. blade, $3.25.

No. 4. Folding Handle Saw. Fine cutting teeth. Handle is fastened to blade with wing nut and rivet. 12-in. blade, $2.85.

No. 5. Cross Cut Saw. General purpose saw for home and garden. 26-in. blade, $6.75.

No. 6. The Forester. 1½ in. wide at point, 3½ in. at butt. Extra-large peg teeth. Will not bind. 26-in. blade, $4.25.

No. 7. Paragon Saw. Curved blade with teeth on concave edge. Rip teeth cut on the pull. 22-in. blade, $3.25.

No. 8. One Man Crosscut Saw. Sharp tuttle teeth for rapid cutting. Particularly good for hardwood. 3-ft. blade, $7.00; 4-ft. blade, $8.75.

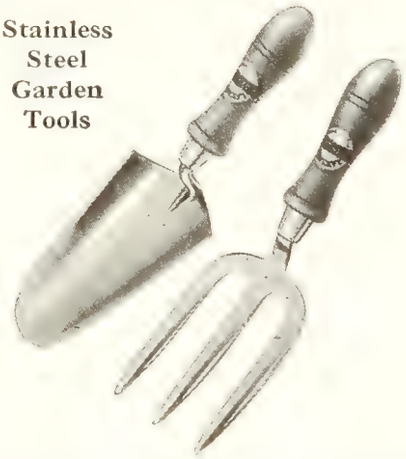
Eureka Weeder. Sharp steel, well-tempered claws securely fastened to smooth 6-in. wood handle. Designed for hard work. $1.50.
Hazeltine Weeder. A very popular style of hand weeder. Back of steel blade full polished and both edges well sharpened. 95c.
Magic Weeder. Hand model. 3 tines. 45c.

Short Handled Grass Hook. Detachable blade on adjustable hardwood handle. $1.50.

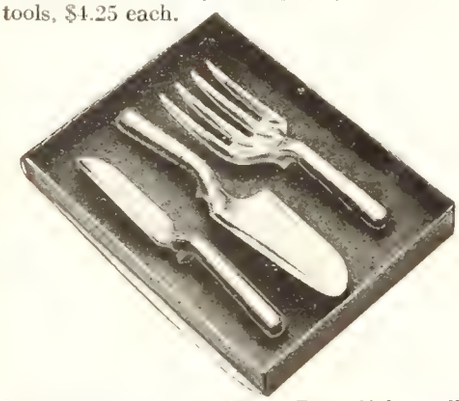
Gem Transplanting Fork. An indispensable tool for breaking sod or hard ground. Sharp-pointed steel tines polished halfway and adjoining part lacquered bronze. Polished hardwood handle. Length overall 11 in. $1.

MISCELLANEOUS *Garden Aids*

Stainless Steel Garden Tools

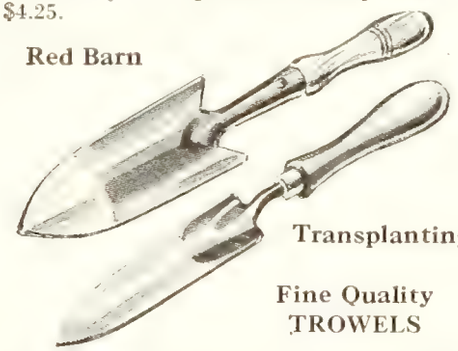


For those who love fine tools, a trowel and hand fork perfect in design and finish. Manufactured in England to give years and years of efficient service. Set $7.95; Individual tools, $4.25 each.



Featherlite Tool Set. Beautiful, well-designed tools of strong, high-quality aluminum alloy. Rustproof and easily cleaned. $4.25.

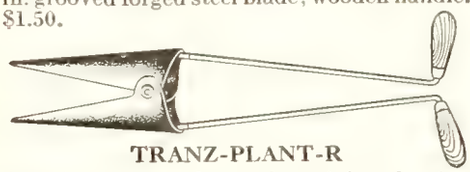
Red Barn



Transplanting

Fine Quality TROWELS

Red Barn Solid Steel. Very sturdy tool with quality forged steel blade, long slender shank and wooden handle. Blade 3½ x 6 in.; handle 6 in. $1.85.
Warren-Church. Stamped lightweight 6-in. blade with wooden handle. 75c.
Transplanting Trowel. Handy 1¾ x 6¼-in. grooved forged steel blade; wooden handle. $1.50.

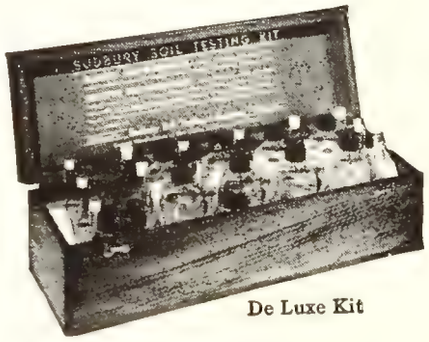


TRANZ-PLANT-R

Amazing new garden tool used for planting bulbs, flowers and vegetables. Sturdy; made of high-quality steel. Wooden handles. 22 in. high; will dig a hole 3½ in. in diameter up to 15 in. deep. $2.65.

Bulb Planter. The tapered metal cup removes soil and makes a perfect planting hole in one operation. As illustrated, $1.10. Long-handled, $6.85.

Dibble. Just the tool for transplanting flowers or vegetables. Of brass construction with wooden handle. $1.85.



De Luxe Kit

Sudbury Soil Testing Kits

Equipment for simple, dependable soil tests which you can make at home to determine the requirement for nitrogen, phosphorus, potassium and acidity.

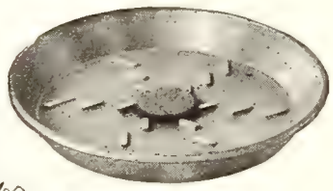
Home Gardeners' Kit (Model D). For 20 tests.....$2 98

Jr. Professional Model (Model C). For 50 tests..... 5 89

Horticultural Soil Test Kit (Model B). For 60 tests.....14 95

De Luxe Soil Test Kit (Model A). For 200 tests.....29 95

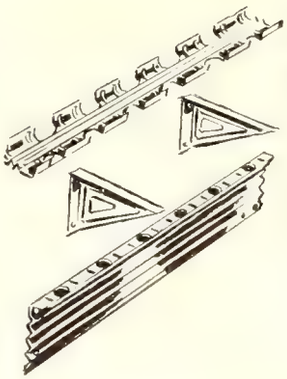
Refills. 2 ozs. $1; 6 ozs. $2.



MOIST-SHUR PLANTRAYS

One of our best sellers. Of finest rubber, with sunken bottom to collect overflow and absorbent pad in the middle which feeds it back to the roots of the plant. Underside is raised to provide ventilation, protect furniture. Good-looking; practical.

Inside Diam.	Each
5⅛ in.	$0 40
7⅛ in.	70
10¾ in.	1 35

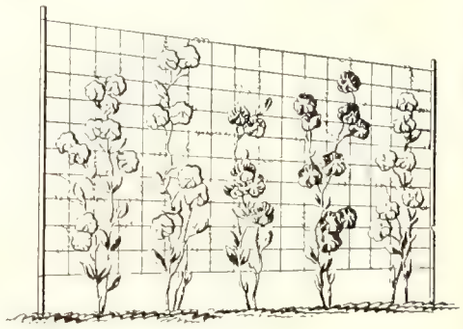


Gardeneer Tool Rack

Easily installed. Securely holds 10 tools close to wall, saving space and keeping them in good order. Can be used for household mops, brooms, etc. Durable metal painted green with orange brackets. $3.

TWIST-EMS

The handy plant tie. Simply place around stem, twist, and it is tied. Deep green in color to blend with foliage. 8-in. length, 100 for 25c; 16-in. length, 100 for 50c; 250-ft. roll, $1.10.



Train-etts.

Used to support sweet peas in preference to wire, which has a tendency to burn young tendrils when it gets hot in bright sunlight. Made of cotton netting, processed to withstand much weathering.

Size 1. 60 x 72 in.....$0 65
Size 2. 60 x 96 in..... 85
Size 3. 60 x 180 in..... 1 25

Wayward Vine Guide and Support

For training ivy, trees or shrubs against a wall of brick, stucco or stone without defacing the surface. Box of 25, including cement, $1.25.

Cedar Plant Tubs.

Made from wood containing a supply of natural oil, which prevents the rotting action of water.

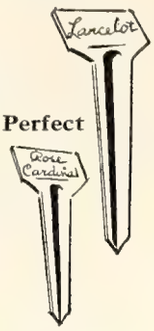
Size	Inside Top Diam.	Inside Depth	
No. 1	10 in.	9 in.	$2 05
No. 2	12 in.	11 in.	3 05
No. 3	14 in.	13 in.	4 25
No. 4	16 in.	15 in.	5 15

Handles. Pair $1.15.

Mower Sharpener. Adjustable to all types and makes of lawn mowers. The abrasive stone is of alundum. Nickel-plate finish. $1.25.

Useful Garden EQUIPMENT

PERFECT GARDEN LABELS



Perfect

Perfect Garden Labels. Indestructible gray-green composition with Duco-like finish. Inscriptions with ordinary lead pencil are waterproof, yet may be erased for changes.

Rock Garden. Face 1¾ x ⅞ in.; 4 in. long. $1.15 per doz.; $2 for 25; $7.90 per 100.
Border. Face 2 x 1 in.; 5 in. long. $1.25 per doz.; $2.40 for 25; $9.25 per 100.

Tie-On (with copper wire). 3½ x ¾ in. 65c per doz.; $1.25 for 25; $3.60 per 100.

Show Garden. Face 2 x 1¼ in.; 7 in. long. $1.50 per doz.; $2.90 for 25; $11.25 per 100.

Pot, Tapering. Face 4 x ¾ in. 55c per doz.; $1 for 25; $3 per 100.

Duramark

Duramark Labels. Of durable green plastic. A flat label which can be marked on both surfaces with an ordinary lead pencil. Unaffected by soils, rain, sprays or sunlight. Lasts for many seasons. 20 labels $1.

WOODEN LABELS

Painted

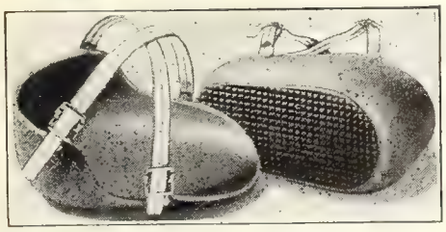
Size, in.	100	1000
3½ x ½, wired	$0 55	$5 25
4 x ⅝, pointed	45	4 00
5 x ⅝, pointed	60	5 50
6 x ⅝, pointed	80	7 50
8 x ⅞, pointed	1 25	10 50
10 x ⅞, pointed	1 55	12 50
12 x 1½, pointed	2 50	20 00

Label Pencil. For jet-black waterproof marking on labels. 15c each; $1.75 per doz.

GERMACO HOTKAPS. Waxed-paper plant protectors scientifically made to protect individual plants from frost and to hasten their development.
25 Kaps and Setter... $1 05
100 Kaps and Setter.. 3 25

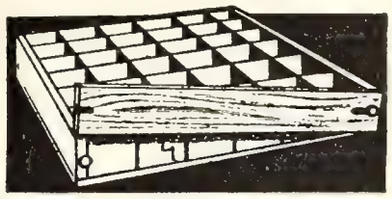
Steel Germaco Hotkap Setter. $2.10.

Centro Spray. A handy gadget for spraying house plants. The rubber bulb has a long curved plastic tube and shorter tip; fine-mist rose. Ideal for sprinkling clothes. $1.35.



Kumfort Knee Pads. Rubber knee cushions with adjustable straps to keep them from slipping when you walk. Ideal when hand weeding or doing knee-work indoors. Pair $2.25.

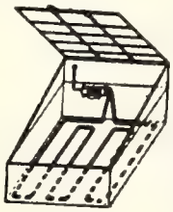
Ladies' Lightweight Knee Pads. (Not illustrated.) Made of sponge rubber, cup shaped, with supporting straps. Pair $2.



Fitted Seed Flats. Wooden flats fitted with kraftboard pots and constructed with one removable side for easy removal of pots. Pots have a base which may be unlocked for setting plants without disturbing the root system. With 36 2-in. pots $1.35 each; with 16 3-in. pots $1.35 each.
The 2-in. pots are suitable for most flowering plants and smaller vegetables; 3-in. pots for tomatoes, eggplant, cabbage, etc.

Kraftboard Pots	100	1000
2 in.	$0 90	$8 00
3 in.	1 40	13 00

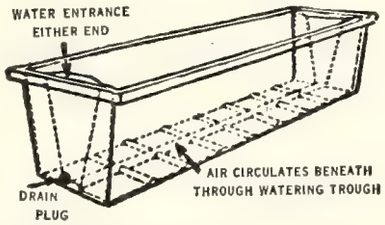
Cypress Flats. For starting plants indoors or in coldframes. Of select cypress, 12 x 18 x 3 in. $1.25 each.
Complete with 54 2-in. square paper pots. $1.70 each.



Electric Hotbed Heater
A practical, thoroughly tested cable for heating soil in hotbeds, permitting you to plant seed earlier and have well-started seedlings by transplanting time. Available in two sizes, both complete with thermostat.
80 ft., 400 watt, for 6 x 6-ft. bed, $9.
40 ft., 400 watt, for 3 x 6-ft. bed, $6.75.

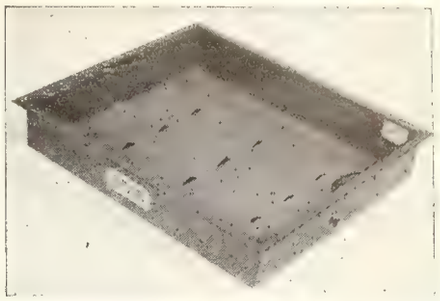
Celoglass. Plastic-treated wire mesh for use in hotbed sash, temporary windows, storm doors, etc. Sunlight passing through Celoglass does not lose the benefits of ultraviolet rays.
Sq. yd. $1 70

Waterproof Mats for Hotbeds. Of strong waterproof cloth, warmly lined with waste wool and cotton and quilted to hold the lining in place.
40 x 76 in. $8 50
76 x 76 in. 13 50



Outdoor Window Boxes
Of galvanized sheeting with green enamel finish.
Guaranteed for five years of service. Inner plate is made to distribute water evenly at the base from built-in funnels at either end. Boxes are watertight and have a drain plug for removing excess water.

	Length	Width	Depth	
No. 1	20 in.	7 in.	6 in.	$3 45
No. 2	26 in.	7 in.	6 in.	3 95
No. 3	32 in.	7 in.	6 in.	4 50
No. 4	38 in.	7 in.	6 in.	5 35
No. 5	44 in.	7 in.	6 in.	6 35



Metal Water-Right Seed Flat. Ideal for starting seed indoors. Patented inner plate permits watering from below. All-metal construction, made for years of service. Flat has a drain for removing excess water. 15 x 13 x 2¾ in. $3.15.

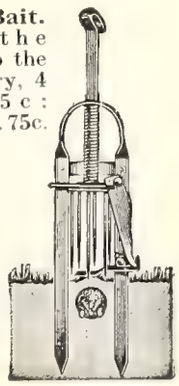
Indoor Window Box. A smart, modernistic metal window box measuring 27 x 6 x 6 in., finished in green enamel. Equipped with bottom drainage plate. Watering may be done through the sides to prevent splashing. $4.25.

Planet Jr. Revolving Disc Edger. A handy gadget which trims edges simply and easily. $3.25.

Beetle Trap. For trapping Japanese beetles in the home garden. Made of rust-resistant galvanized steel enameled green and yellow. Standard thread base will fit any mason jar. $1.35.

Beetle Bait. Lures the beetles to the traps. Dry, 4 ozs. 75c; liquid, oz. 75c.

Victor Mole Trap. A spear-type trap which harpoons the mole, causing instant death. Six prongs. Entire length 16¾ in. $2.



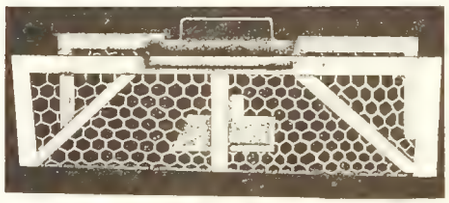
WELL-BALANCED WATERING CANS

Heavy-gauge galvanized iron construction with broad rose which attaches by screw joint; has a removable cap for easy cleaning. 8 qt. $2.85; 10 qt. $3.15; 12 qt. $3.50.

Ladies' Green Thumb Gloves Ideal for garden work. Made of lightweight vinyl-treated fabric, dirt-repellent and washable. Chamois-colored, with green thumb. Large, medium or small size 98c.

Gardinettes Watertight, vinyl-coated, knit-lined gardening gloves. These comfortable, easy-to-wash gloves are the first choice of particular gardeners. $1.89.

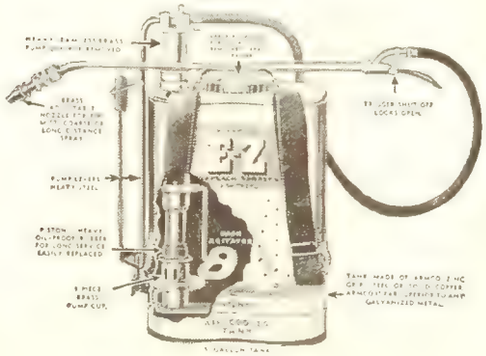
Men's Horsehide Work Gloves. Medium and large sizes. $2.75.



Havaheart Animal Traps Most humane method of trapping undesirable squirrels, rabbits, woodchucks, etc. Will not injure the animal.

No. 1. 5 x 5 x 18 in. Weasels, Rats, Chipmunks $3 50

No. 2. 7 x 7 x 24 in. Muskrats, Rabbits, Squirrels 4 50



E-Z KNAPSACK SPRAYER

Continuous flow and even pressure from a nozzle adjustable to any angle. Perfect valve action assured with one solid bronze ball-valve. Equipped with a 3-ft. hose and 2-ft. extension. Wt. 18 lbs. Galvanized tank. $33.50.

Plant Stakes, Wood Painted Green Light, with tapered ends for staking gladiolus, delphinium, etc.

Length	Doz.	100
3 ft.	$1 25	$9 00
4 ft.	1 75	13 00
5 ft.	2 50	18 00

Light Bamboo Cane, stained green. For delphinium, gladiolus, etc. Thin and strong.

Length	Doz.	100
2 ft.	$0 30	$1 50
3 ft.	40	2 15
4 ft.	50	3 25

Plant Props. Supports for light plants, eliminating need for tying. Of steel, with green baked enamel finish.

Length	Doz.
30 in.	$1 65
42 in.	2 10

SPRAYERS AND DUSTERS

Insectogun Complete garden sprayer. Interchangeable jet for spraying plants and trees. Holds 1 pt. concentrate, which dilutes up to 3 gals. of spray material as operated. Connects to garden hose. For most liquid insecticides and fungicides. $5.95.

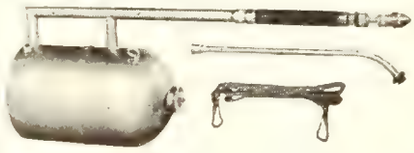
Dust-King Duster Precision-built, with long extension tube. It may be adjusted for throwing dust upward on the underside of the leaves, for straight ahead, or downward dusting. Heavy tin, red lacquer finish. $2.85.

Adjustable Spray Nozzle. Precision-built to fit any type compressed-air tank sprayer. Solid brass. Adjustable for a 30 to 50-ft. stream or a wide mist spray. Wt. 4 ozs. $1.95.

Gard-N-Gun. The original hose spray gun. Efficient for sprayable insecticides and easily cleaned. Jar holds material for 1½ gals. of spray. Detailed instructions enclosed. $2.95.

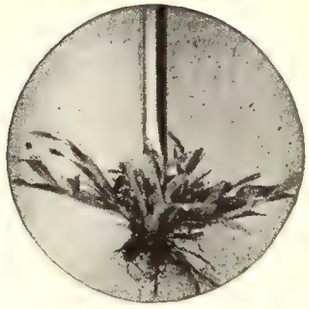
Red Barn Improved Compressed-Air Sprayer. Capacity 4 gals. 65-lb. pressure; sprays about 10 ft. $12.75.

Rite-Size Sprayer. A compact, light-weight compressed air sprayer combining many features seldom offered at this low price. Has 5 feet of oil proof hose, 16 inch curved brass extension, all brass adjustable nozzle brass pump; built in nozzle for easy filling. $11.

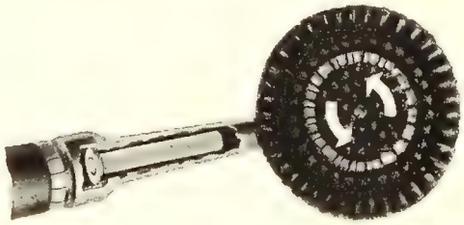


Pestmaster Sprayer. High-quality, light-weight, all-brass pump with 18-in. brass angle extension. Nozzle adjustable for fine mist, light or heavy spray or long-distance spray. Has carrying strap. Capacity 1 gal. $10.50.

Perfect Fruit Picker. Made of galvanized steel wire. Will attach to a pole of any length. Without pole. 90c.



Weedall. For effective removal of all broad-leaf weeds. No stooping or bending. Cane 36 in. long, with a chromium-plated steel tip. Simply insert, twist and pull. $2.60.



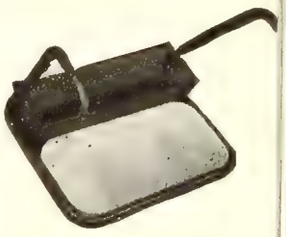
Swirl-O-Matic. Attach to hose for a quick car cleaning. Rinses as it cleans, without streaking. Useful for washing windows, screens, etc. For dirty jobs, a "Magic" detergent is included free. A tool that quickly pays for itself. $7.25.

Three-Foot Extension. $2.75.

Swirl-O-Feed Attachment. (Shown inside the cut-away handle.) $1.80.

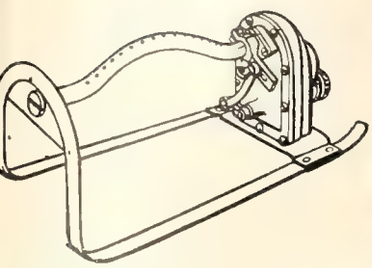
Flying Disks. Just a whisper of wind and this amazing disk whirls crazily in space, flashing reflected sunlight and making sharp cracking sounds. Scares birds, dogs, cats and other pests away from the garden. Pkg. of 10 for 25c.

Gardenade Here's something to protect your knees. Fitted with upright handles and a rack for tools as well as a pad of soft sponge rubber, 14 by 11 in. wide. $4.75.

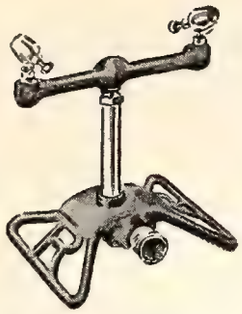


SPEEDEX Bucket Sprayer

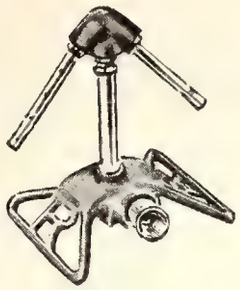
A sprayer capable of throwing a spray stream 35 to 40 ft. with minimum effort. Slide trombone action. Machine-tooled brass with adjustable non-clogging nozzle. Complete with 6-ft. hose and gooseneck extension for getting under foliage. $9.85.



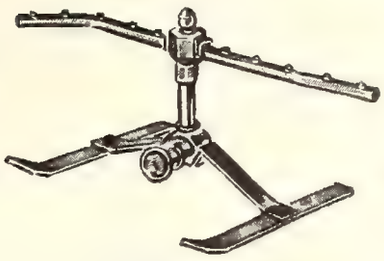
Melnor's Swingin' Spray



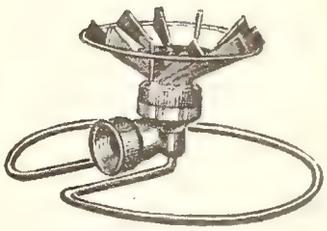
Reiger Model T



Reiger Model V



Dayton No. 12



Holland Rotary

SPRINKLERS

Melnor's Swingin' Spray. Rectangular area sprinkler does work for you. Rigid, lightweight construction, in rustproof, non-corrosive aluminum, brass and stainless steel to last a lifetime. Reaches into all corners; water-driven gears never need oiling. $11.95.

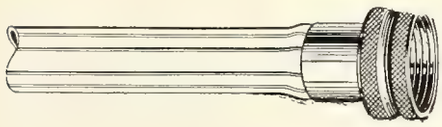
Reiger Model T. Nozzle tips are instantly adjusted by turning the rustproof thumb screw, and the entire area within its 75-ft. diameter of coverage is saturated. Chrome and enamel finish. $7.50.

Reiger Model V. With ordinary water pressure, this model will gently and thoroughly saturate an area of 50 ft. Adjustable with a simple twist of the self-locking spray arms for straight-away or circular action. $7.50.

Dayton No. 12. A combination sprinkler which is adjustable for distributing water in a rotary motion over an area 45 ft. in diameter, or to cover a square 12 ft. wide. $7.45.

Holland Rotary. Distributes water like gentle shower over an area 30 ft. in diameter. Nothing to wear—and only one moving part. Requires no oiling. $1.95.

here's Insurance for your GARDEN INVESTMENT

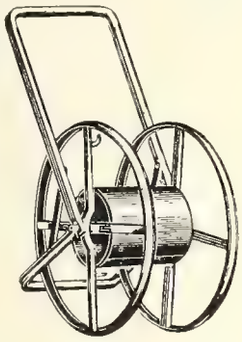


Plastic Hose. Approximately one-third the weight of rubber hose. Resistant to abrading and weathering; does not crack or peel after summer exposure. The clean, glossy surface will not soil hands or clothing. ⅝-in. diameter. Green or Red.

25 ft. $5 75
50 ft. 9 95

Rubber Hose. A fine-quality, well-constructed, ⅝-in. hose for general garden use. Each length is fitted with regulation couplings.

25 ft. $6 75
50 ft. 12 00



Hose Reel. A substantial reel with tubular handles and half-round steel rims, painted with green enamel. Rim diameter 21 in., drum diameter 9½ in. Holds 100 ft. of ¾-in. hose. $5.65.

Andrews Plastic Hose Sprinkler. New, lightweight sprinkler! Tubes are perforated with tiny, precision made, round holes, which do not weaken the plastic, like slits or cuts. The holes do not readily clog as in metal. Will stand any city water pressure. Gentle spray minimizes any soil washing. Used by nurserymen even on fragile blooms and bedding plants. 20 ft. $2.50; 30 ft. $3.50.

Soil Soaker. A porous canvas hose, 2 in. in diameter, for irrigating shrubs, lawn or flower beds. Water seeps through the pores and eliminates washout caused by forceful streams of water from a nozzle. 12 ft. $2.10; 18 ft. $2.75; 30 ft. $4.15; 50 ft. $6.50.

Brass Hose Nozzle. (Not shown.) Adjustable to spray or stream from shut-off. $1.39.

Brass Hose Sprinkler. (Shown at upper right.) A wide-face brass nozzle with many uses, designed for ¾-in. hose. 3-in. face $1.10; 4-in. face $1.39.

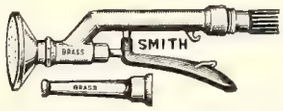
Fan Shower Sprinkler. (Shown lower right.) Juts a wide, fan-shaped shower. Ideal for watering seedlings in flats or hotbeds. 5½ in. wide. $1.50.

Portable Sprinkler System. Where fixed sprinkler heads and submerged plumbing is either impractical or too expensive, these sprinkler heads for attachment between hose lengths are ideal. Sold in sets of three. Each sprinkler sprays an area 30 ft. across. $4.75.

Elkay Valve Hose Nozzle. Cleverly designed of amazingly light, non-corrosive metal alloy. Extremely durable, with a machined valve seat and fingertip control for stream or spray of water. $1.65.

Ring Sprinkler. Doughnut-shaped, with vertical sides and perforated top, measuring 8 in. across and made of durable polished brass. $1.75.

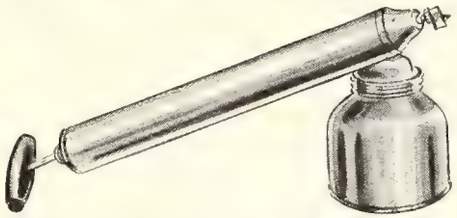
Half-Ring Sprinkler. Modeled in heavy brass, 10⅛ in. long and 1⅝ in. high. Coupling attachment centered on the concave side. $1.50.



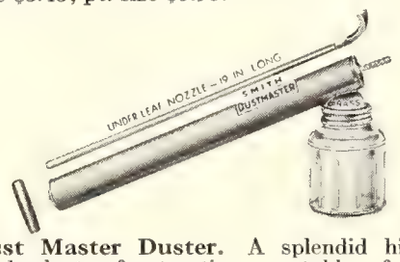
Aquamatic Nozzle. A very high-grade nozzle equipped with a 3-in. round-face sprinkler and solid stream nozzle. ¾-in. connection. $5.10.

Erosionet. An effective open-mesh fabric made of tightly twisted paper twine, place on new lawn or freshly sown embankments to prevent washouts without eliminating sunlight. The material disintegrates after grass becomes established. Rolls 45 in. wide. Yd. 36c.

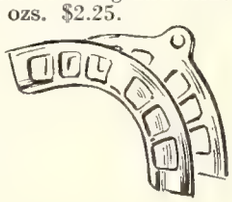
Eclipse Sprayer. Stainless steel, qt.-size container; chromium-plated 2-spray nozzle. Resistant to chemical reaction by various types of sprays. Built for years of service. $4.75.



Streamline Sprayer. Slow pumping gives a continuous, fine spray. The chamber is seamless solid brass, 1½ x 15 in. Overall length 18½ in. Tank of solid copper. Twin nozzles for straight or angle spraying. Qt. size $5.45; pt. size $3.95.



Dust Master Duster. A splendid high-grade duster for treating vegetables, fruits and flowers. Efficient for covering underside of leaves. Capacity 25 ozs. $2.25.



Hose Hanger. A sturdy metal rack, easily attached, to keep your hose in good shape. Supports 100 ft. of hose. $2.

Protect with SPRAYS · DUSTS · CHEMICALS

COMBINATION INSECTICIDES AND FUNGICIDES

Plant Plate Spray. Laughs at Rain and Weather. The ideal combination insecticide, fungicide and plant food. Weatherizer keeps spray on plants in spite of rain, wind or heat. Won't wash off in the rain for weeks. 3 ozs. $1.35; 6 ozs. $2.25; 14 ozs. $3.95.

Plant Plate Weatherized Dust. Will protect your plants for long periods, in spite of rain, wind or heat. Perfect combination insecticide and fungicide for the control of chewing and sucking insects and fungous diseases. 12-oz. dust gun $1.35; lb. $1.25; 4 lbs. $4.

Floral Spray or Dust. Effective all-round against fungus and insect pests attacking flowers, shrubs and ornamentals. No mixing needed. All-in-one combination. Ready to use. Lb. $1.15; 4 lbs. $3.50.

Fruit Spray. Combination for spraying or dusting to control many insects and diseases on fruit trees. Contains DDT, lead arsenate, pyrethrum and sulphur. Lb. canister $1; 4-lb. bag $2.60.

Hortex. Unsurpassed for its effectiveness, this rotenone contact and stomachic insecticidal dust is combined with colloidal sulphur to preserve it and lengthen the period of efficiency. Non-poisonous. For the control of many fungous diseases, also most chewing and sucking insects. Contains 1% rotenone. Lb. 75c; 5 lbs. $2.50.

Rose Dust. A control maintaining proper toxic ingredients to kill many sucking and chewing insects on roses. Mildew, black-spot and some blights are kept in check by added fungicides. Can be used as spray or dust. Lb. $1.25; 4 lbs. $3.90.

Vegetable Garden Dust. A powder containing DDT, rotenone and Ferbam. A combination that controls most sucking and chewing insects as well as many fungous diseases. Lb. $1.15; 4 lbs. $3.50.

INSECTICIDES

Acme Stop. Sticky barrier for banding trees, shrubs and vines to prevent insects from crawling up trunks and stems to destroy the foliage. Effective over a long period. Lb. $1.15; 7½ lbs. $5.90.

Aerosol Insecticide Dispenser. Kills flies, mosquitoes, ants, bedbugs, roaches, waterbugs, silverfish. 12 ozs. $1.69.

Ant-Jelly. Bait for outdoor use. A drop on each ant-hill is sufficient. Oz. 35c; estate size $1.

Ant-Traps. Safety container for use in house or garden. Just break seal and place where ants can get to it. Cannot be opened by a child or spilled by a pet. 25c each; $2.75 per doz.

Aramite-15W. Dry wettable powder. An outstandingly effective miticide for use on a wide variety of crops, including citrus, deciduous fruits, ornamentals and vegetables. 4 ozs. $1; 12 ozs. $2; 4 lbs. $3.15, postpaid.

Arsenate of Lead (Powder). For chewing insects, 2 teaspoonfuls to 1 qt. water; 2 lbs. to 50 gals. Lb. 85c; 4 lbs. $2.25.

Black Leaf 40. Nicotine sulphate used for sucking insects. 1 tsp. to 1 gal. water; 1 oz. to 6 gals. Oz. 35c; 5 ozs. $1.15; lb. $2.65; 5 lbs. $8.65.

Borerkill. Contains benzene hexachloride to kill most boring insects in trees, shrubs and flowers. Two injectors supplied with each tube. Tube $1.

Chlordane Dust 6%. To control ants, cutworms, chinch bugs, chiggers, earwings, slugs, snails, sowbugs, sod webworms, wireworms, white grubs, Japanese beetle grubs, root-infesting maggots, etc. Used in the home to control cockroaches, silverfish, carpet beetles, etc. Lb. 70c; 4 lbs. $1.85.

Chlordane 48%. A liquid concentrate, deadly for a greater number of pests than most insecticides. Has a definite toxic effect on insects for just as long as a reasonable portion of Chlordane is present. 8 ozs. $1.50; qt. $4.75.

Chlordane 50% Wettable Powder. A valuable insecticide that is proving effective in the control of crabgrass. 8 ozs. $1.50; lb. $2.55; 5 lbs. $7.

Cutworm Bait. A ready-prepared meal containing Toxaphene for control of cutworms, army worms, crickets, grasshoppers. Works by contact and through the stomach. Lb. 70c; 2½ lbs. $1.20; 6 lbs. $2.35.

Snarol. For slugs and snails. Contains metaldehyde. Lures slugs and snails from plants and kills fast. Snarol meal. Lb. 50c; 2½ lbs. 90c; 6 lbs. $1.95.

DDT Dust 5%. For Colorado potato beetles, leafhoppers, flea beetles, pea aphids, pea weevils, cabbage worms and Japanese beetles on fruits, shade trees and flowers. Lb. 60c; 3 lbs. $1.45.

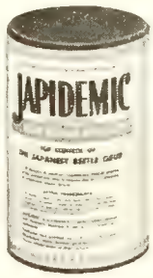
DDT 25% Liquid Concentrate. Combines with Bordeaux, sulphur, arsenate of lead. Dilute 1 to 3 tsp. to 1 gal. of water. 8 ozs. $1; qt. $2.05; gal. $5.55.

DDT 50% Wettable Powder. For vegetables, flowers, fruits and ornamentals. Very effective against Japanese beetle grubs in soil, also as a residual spray for wood ticks and mosquitoes. Use to spray garbage cans and pet beds. Lb. $1.10; 4 lbs. $3.35.

D-X Spray. Effective, non-poisonous spray for sucking and chewing insects. Contains rotenone, piperonyl cyclonene, pyrethrins in an active oil-base spreader and adherent. Combines with standard fungicides for an all-purpose spray. Oz. 35c; 4 ozs. $1; ½pt. $1.75; qt. $5.60.

Fish-Oil Soap. For mild forms of scale and soft insects. 1 tsp. to 1 qt. of water; 1 lb. to 10 gals. Lb. 70c; 5 lbs. $2.25.

Japellent. Harmless to humans and animals but very deadly to Japanese beetles and other leaf-eating insects on contact. It leaves an invisible protective film. Trial size (makes 12½ gals.) 65c; garden size (makes 50 gals.) $1.75.



Japidemic. Milky Spore Dust. Nature's way to control beetle grubs. One treatment under favorable conditions will permit the rapid spread of the disease and destroy the grubs within the area. Japidemic is harmless to grass and other plant life and has no ill effects on humans or warm-blooded animals. 1 lb. treats 4000 sq. ft. ½lb. $2.90; lb. $5.25.

Lindane 5%. A new insect spray controlling aphids, Japanese beetles, lawn webworm, lacebugs, chiggers, chinch bugs, mole crickets, thrips, army worms and many other pests. 4 ozs. $1; 16 ozs. $2.75.

Rotenone Dust. Excellent insecticide for many sucking and chewing insects. Safe and prompt in action. Lb. 60c; 4 lbs. $1.60.

Rotenone Spray. 1.5% rotenone and 3.5% other cube extractions. No wetting, spreading or penetrating agent needed. Oz. 35c; 6 ozs. $1; 16 ozs. $2.25.

Tobacco Dust, Fine. Splendid fertilizer and preventive for insects in the ground and around roots. 5 lbs. $1.15.

Volck Oil Spray. Effective against red spider mite. Excellent for use on evergreens. Pt. 90c.

Wilson's O. K. Plant Spray. Qt. $1.35.

FUMIGANTS

Nico-Fume Powder. 1-lb. can fumigates 25,000 cu. ft. ½lb. 70c; lb. $1.20.

Injecto-Soil. A simplified, inexpensive method for termite control. Easy to operate. Will termite-proof a home for at least three years. Consists of a brass stirrup pump which is connected with 5 feet of special high-pressure oil-resisting spray hose to the steel perforated injector rod. Other uses include: sub-irrigation of trees and shrubs and sub-application of liquid plant food. $17.95.

Injecto-Soil Termite Exterminator Material. For use with above device, material being diluted with 6 parts of water. 1 gal. will treat 20 ft. of foundation. Gal. $5.75.

FUNGICIDES

Bordeaux Mixture, Powdered. For blight, mildew, rust, etc. Use for dusting or spraying. Lb. 85c; 4 lbs. $1.95.

Ceresan 2%. For diseases of narcissus and bulbous iris. 1½ lbs. $1.95.

Ceresan, New Improved. Dip treatment of bulbs, particularly gladiolus. 4 ozs. 55c; lb. $1.50.

Copper Sulphate (Blue Stone). An ingredient of Bordeaux Mixture. Lb. 50c; 5 lbs. $1.75.

Fermate. Highly effective control for many fungi. 8 ozs. 90c; 3 lbs. $3.90.

Red River Potato Mix. Copper fungicide with a quicker-killing arsenic. Kills potato bugs faster; drives off flea beetle and leafhopper; prevents blight. Use as a dust or spray. Full directions accompany each package. Lb. $1.30; 4 lbs. $3.35.

Semesan (Special). Organic mercury compound for controlling brown patch in turf. 1½ lbs. $3.95.

Tersan 75. Brown-patch fungicide for turf, used by most Golf courses. 5⅓ ozs. treats 300 sq. ft.; lb. treats 900 sq. ft. 5⅓ ozs. $1.10; 3 lbs. $6.95.

Tomato Dust. An effective fungicide to control both early and late blight on tomatoes. Lb. 75c; 4 lbs. $1.80.

Tri-Ogen. For control of black-spot, mildew and blight, particularly on roses, annuals and perennials.

E Kit.	Makes 8 qts. Spray	$1 75
A Kit.	Makes 16 qts. spray	2 60
B Kit.	Makes 49 qts. spray	6 45
C Kit.	Makes 32 gals. spray	9 65

Wonder Fungicide. For control of azalea petal blight, black-spot on roses, most diseases of gladiolus, mildew on cantaloupe and cucumber, blight on tomato, potato, pepper and celery. Contains Dithane. 4 ozs. 65c; 8 ozs. $1.10; pt. $1.75.

TREE SURGERY AIDS

Tree Wound Dressing. Prevents decay. Penetrating, antiseptic; not affected by heat, cold or moisture. Stops bleeding. Pt. 95c; qt. $1.55.

Red Barn Brand Tree Cavity Fill. Add water to make it plastic. Lb. 75c; 5 lbs. $2.50.

Grafting Wax. For grafting, budding and top-working of all trees. ½lb. 65c; lb. $1.

WEED KILLERS

Ammate. Makes it easy to kill poison ivy for keeps. Just mix with water and spray on. Kills foliage, roots and all. 1 lb. is sufficient for 100 sq. ft. Kills poison oak and sumac. 2 lbs. $1.25; 6 lbs. $3.15.

Red Barn Noxweed. Kills all vegetation it comes in contact with and prevents growth for a period of one year under normal conditions. A diluted quart is sufficient for 200 sq. ft. Use on tennis courts, paths and driveways. Qt. $1.10; gal. $2.95.

Red Barn Crab Grass Weed and Brush Killer. Non-poisonous, containing potassium cyanate, 2,4-D and 2,4,5-T. Kills crabgrass, brush, woody clover, without harming desirable grasses. Soluble in water and easily cleaned from sprayer with water. Not recommended on Bent Grass. 5 ozs. $1.05; 20 ozs. $3.10; 5 lbs. $10.85.

Selective Lawn Weed Killer. A liquid containing 2,4-D weed killer and 2,4,5-T. For dandelion, plantain and other lawn weeds. 8 ozs. $1.10; qt. $2.95.

Weedust. The 2,4-D weed killer in dry powder form. Weeds can be dusted directly from the ready-to-use can. Large 12-oz. can 85c.

Potassium Cyanate (Selective Crabgrass Killer). Most effective for the control of crabgrass with little or no damage to turf. Easy to use as a spray. 4 ozs. cover 600 sq. ft. 4 ozs. $1.05; 16 ozs. $3.05; 6 lbs. $11.35.

Pmas 2½%. Highly recommended crabgrass killer and fungicide. 10 ozs. per 1000 sq. ft. are recommended for each application. Pt. $2.

DORMANT SPRAYS

Catalizer. Spreader and sticker for lime sulphur and arsenate of lead. 2 lbs. $1.05.

Lime Sulphur (Powdered). For San Jose scale, leaf curl and brown rot of peaches, and apple scab. 1 lb. makes 3½ to 5 gals. Lb. 85c; 5 lbs. $2.95.

Lime Sulphur Solution. Dilute and spray while trees are dormant. Qt. 90c; gal. $2.25.

Para-Scalecide. A safe and effective control for peach borer on young and old trees. 1 gal. treats 40 full-grown trees. ½pt. 90c; qt. $1.65; gal. $3.70.

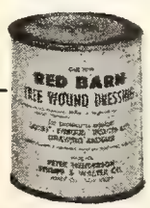
Scalecide. A dormant oil spray for use on fruit trees, shrubs, etc. Pt. 90c; qt. $1.35; gal. $3.25.

SEED AND SOIL TREATING COMPOUNDS

Formacide (Formaldehyde Dust). Seed and soil-treating compound to prevent damping off. Completely sterilizes the soil. ½lb. 65c; lb. $1; 5 lbs. $2.60.

Semesan (Regular). A mercurial disinfectant for vegetable and flower seeds or bulbs, to protect against root rot and damping off. Use a pinch to a packet of seed, ½ tsp. to 1 lb. of seed. 2 ozs. 65c; 12 ozs. $3.05, postpaid.

Spergon. A non-poisonous powder for treating seeds against damping off. Stimulates root growth and produces healthy, vigorous seedlings. Oz. 25c; 5 ozs. $1; lb. $2.50.



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Spergon Gladiolus Dust. Dry powder. Contains Spergon and 3% DDT. To be applied to bulbs before planting, or after digging in the fall, to help control rot and thrips. May be used on gladiolus, tulip, narcissus, iris and lily bulbs. 2 ozs. 25c; lb. $1.70.

MISCELLANEOUS HELPS

Dog and Cat Repellent. Most effective repellent for keeping dogs and cats away from shrubs, trees, etc. Inoffensive to humans. 12-oz. bottle $1.10.

Animal Repellent Rope. Repels dogs, deer, rabbits, rats, etc. The repelling agent is insoluble and not affected by rain. It is non-poisonous, non-injurious to the hands and harmless to pets. Ideal repellent. 100 ft. $1.50.

Red Barn Wood Preserver. Highly penetrating, hardwood creosote oils. Insoluble in water. Wood may be dipped, sprayed or brushed for effective application. No coal tar or irritating fumes. Gal. $2.75.

Stop-Grass. Delays growth of grass 4 to 5 months. At this time, it is recommended for use along lawn edges, curbs and roadways; and for general use in vacant lots. 1½ ozs. treats 400 sq. ft. 1½ ozs. $1.

RODENT AND WORM KILLERS

Mole-Nots. Quickly kills moles, gophers, etc. Pierce holes in the runs at intervals of 4 feet. Break a Mole-Not in each hole; cover lightly with earth. Allow from 48 to 72 hours before rolling the run flat. Trial size 35c; jumbo size $1.

Molites. Gas-producing destroyers for killing moles, rats, and other underground pests. Non-inflammable and non-explosive. 35c each; $1.90 for box of 6; $3.45 per doz.

Mouse-Nots. Not poisonous to humans or domestic animals. Place a pellet wherever there are signs of mice. Pkt. of 9 for 25c; pkt. of 50 for $1.

Rat-Nots. Similar to Mouse-Nots but for rats. Pkt. of 9 for 25c; pkt. of 50 for $1.

Warfarin. Makes rats and mice eat themselves to death! A blended bait ready to use. Approved by Federal and State agricultural and health agencies. Lb. $1.

CUT-FLOWER PRESERVERS

Bloomlife. When added to water, prolongs the life and beauty of cut flowers. Pkt. (for 1 qt.) 10c; 3 pkts. 25c; 50-qt. size $2.

Survival. A scientific material for preserving cut flowers and prolonging their fresh appearance. Revives weak flowers, intensifies color, reduces spoilage from bacteria and fungi and eliminates slime in pots and vases. ½lb. 65c; lb. $1.15; 2 lbs. $2.10.

Tested Quality FERTILIZERS - SOIL ENRICHERS

FERTILIZERS, MANURES, SOIL INGREDIENTS

RED BARN GENERAL GARDEN FERTILIZER

5–10–5

Over 30% of natural organic nitrogenous materials. For vegetables, flowers and fruit. Best for all-round work in the garden. Use 3 lbs. per 100 ft., repeating every month. 5 lbs. $1.

RED BARN EMERALD GRASS FERTILIZER

6–10–4

For lawns and golf putting greens. A well-balanced formula of purest ingredients, designed to feed grasses and to keep them in a healthy condition. Over 30% of natural organic nitrogenous materials. 5 lbs. per 250 sq. ft. for top dressing. 5 lbs. $1.10.

RED BARN ROSE FOOD

7–10–5

Especially balanced food for roses. Contains the essential elements to vitalize the entire plant, adding color and vigor as well as building up resistance to disease. 5 lbs. $1.10.

RED BARN ACIDULOUS FERTILIZER

4–10–4

A complete food that builds and preserves a slightly acid condition for acid-loving plants. Use ½lb. for 1 sq. yd. and work very lightly into the soil. 5 lbs. $1.05.

RED BARN TREEWIZ

8–6–4

A slowly available, high-analysis tree and shrub food. 25% of the nitrogen is from organic sources. Use tree auger for application. 5 lbs. $1.10.

LAWNSPREAD

A Complete Dry Lawn Dressing

We deliver prepaid within 100 miles of New York City, to points beyond, purchaser pays transportation.

A marvelous LAWN TONIC. Use it to renovate thin or bare turf. High-quality grass seeds are MIXED with approved grass foods and screened, sterile compost. Contains insecticides and fungicides including Chlordane for ant, chinch-bug and grub control. As a tonic, one unit, 25 lbs., will treat 20 by 20 ft. or 400 sq. ft.; to renovate, use 1 unit for 200 sq. ft.

Lawnspread. Contains mixed seeds for open and shaded areas. Per bag
1 to 10 bags.....$4 00

Super Lawnspread. Contains Coos County Bent seeds for home putting greens, etc. Per bag
1 to 10 bags.....$4 75

Lawnspread with Milky Disease Spore Dust. Super Lawnspread mixture for control of Japanese beetles. Per bag
1 to 10 bags.....$4 75
Price on larger quantities upon request.

Actumus. A 100% organic fertility builder which can be used for all soils and all types of plants indoors and out. An economical, effective conditioner. Serves also as an efficient compost activator. Can be used in dry or liquid form and is odorless. Pkt. 25c; ¼lb. $1.25; ½lb. $2.25; lb. $4.25.

Adco. Speedy compost maker. Add it to garden refuse, leaves, grass clippings to hasten decomposition. 5 lbs. $1.75.

Aluminum Sulphate. Makes soil acid; much used for rhododendrons and similar plants. Not a fertilizer. 5 lbs. $1.10.

RED BARN BONE MEAL

Recommended for the garden and for lawns. It is quick to give results, yet the benefits are lasting. The standard food for roses. 5 lbs. to 100 sq. ft. dug or raked into the soil; use half this amount when top-dressing grass. 5 lbs. $1.15.

Cottonseed Meal. 5 lbs. $1.50.

Dried Blood. Adds nitrogen and a small amount of phosphorus. Used mostly for house plants. Acts quickly. 5 lbs. $1.65.

Lime, Hydrated. Corrects soil acidity and also improves the mechanical condition of the soil by binding loose soils and opening heavy land. Quick acting. 5 lbs. per 100 sq. ft. 10 lbs. 90c.

Muriate of Potash. For potato and root crops. Alkaline reaction. Use 1½ lbs. per 100 sq. ft. 5 lbs. $1.15

Nitrate of Soda. Nitrogen in available form for lettuce and other leafy vegetables. Use 1 oz. to 1 gal. of water as liquid, or 1½ ozs. to 1 sq. yd. dry. 5 lbs. $1.15.

Peat Moss, Imported. Adds organic matter and improves soil texture, helping to conserve soil moisture and to aerate where necessary. Valued for storing bulbs. Carton (approx. 14 lbs.) $2.95.

Peat, Michigan. A sedge peat superior to imported. For winter mulching of rose beds perennials, shrubs. Use when making new lawns. Small ½ pecks and pecks excellent for mixing with potting soil for house plants. ½pk. 85c; pk. $1.15.

Sheep Manure. A concentrated fertilizer dried, screened, sterilized and pulverized. Useful in general garden work and for making liquid manure so valuable as a needed stimulant when flowers come into bud. 5 lbs. 80c.

Superphosphate. 20%. To be used freely for supplying phosphoric acid. Readily soluble. 5 lbs. 95c.

Ammonium Sulphate. Nitrogen plant food. A quick-acting fertilizer, broadcast as a dry powder. May be used on lawns, gardens, trees and shrubs. 1 lb. will cover 250 sq. ft. of lawn. 10 lbs. $1.60.

Vermiculite Terra-Lite. A natural mineral one-tenth the weight of sand or soil. Sterile, inert, retains water. Will not permit fungus or algæ growth. Holds moisture even during protracted dry spells. 4 qts. (¾ lb.) 50c; ½bus. (3 lbs.) $1.10; 2½-cu.-ft. bag (approx. 12 lbs.) $2.50, prepaid within 100 miles of New York City.

Boost. A 100% soluble plant food. One tsp. makes 1 gal. of scientifically blended feeding solution, complete with all trace elements. Odorless. Keeps without deterioration. For garden use as well as indoor plants. 4 ozs. 40c; lb. $1.20; 5 lbs. $3.85.

Hyponex. A complete, balanced, all-soluble plant food. A pound makes 100 gals. for soil culture or 50 gals. for soilless culture. 7 ozs. 65c; lb. $1.20.

Rapid-Grow. (Powder.) The approved formula for a liquid plant food. Contains vitamins B-1 and B-2. No inert matter. 100% soluble. Quickly absorbed by plant roots. 8 ozs. 85c; lb. $1.45; 5 lbs. $4.85.

Stim-U-Plant. Plant food in tablets. Ideal for pot plants and to provide quick stimulation for garden plants. 30 tablets 25c; 100 for 75c; 1000 for $5.

Trace-L. A complete plant food containing 15 important available elements. Highly recommended for application in liquid form. ½lb. 80c; lb. $1.15; 15 lbs. $12.

Root-Forming Chemicals—Hormones

Hormodin Powder. A hormone powder inducing better roots faster. Simply dip stems of cuttings in Hormodin Powder and place in usual propagating medium.
No. 1. For soft woods. Pkt. 25c; 1¾ ozs. 55c; lb. $3.25.
No. 2. For medium woods. 1¾ ozs. 80c; lb. $4.75.
No. 3. For hard woods. Oz. $1.05; ½lb. $4.70.
Combination of Nos. 1, 2 and 3. Oz. 80c.

Fruitone. Stops premature drop of flowers, fruits and leaves. Applied as a spray. 2 ozs. $1.05; 12 ozs. $5.20.

Rootone. Stimulates roots on cuttings, seeds, bulbs. 2-oz. jar $1.05; lb. $5.25.

Rosetone. Insures the success of your roses. Water established rose bushes with it for better growth. ½oz. 35c; 3 ozs. $1.05.

Transplantone. Used extensively in setting out tomato, sweet potato, cabbage, tobacco and other plants, for earlier maturity and larger crop. ½oz. 25c; 3 ozs. $1.05; lb. $5.25.

Tomato-Fix. Spray tomato flowers with Tomato-Fix, and like magic, nearly every one produces a tomato—many of them seedless. 100 tablets (25 qts. spray) $1.

Fruit-Fix. 4 ozs. 65c.

Berry-Set. A hormone spray for bigger strawberries, raspberries, blackberries, holly berries. ½oz. 30c; oz. 50c; 3 ozs. $1.

NEW SOIL CONDITIONERS

Soilife. Binds together the tiny particles of clay soil and forms them into small clumps or aggregates. Loosens and aërates the soil, permitting plant roots to breathe and absorb life-giving oxygen and nitrogen. Will not harm vegetation of any kind. Home size, ½lb. $3.15; ranch size, lb. $5.25.

Soiloam. Liquid Soil Conditioner. A water solution of a resin which chemically combines with clay, permanently converting it to a fine, porous, granular texture, thereby preventing slaking and subsequent impaction of the soil. Pt. $1.75; qt. $3 50; gal. $8.50. postpaid.

Larger sizes of Fertilizers are available at our Garden Centers or shipped Express Collect. (All the above prices are prepaid.) Send no postage

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How to order from this Catalog

All mail orders and correspondence relative to orders should be addressed to PETER HENDERSON, STUMPP & WALTER CO., 1010 Garfield Avenue, Jersey City, N. J.

Due to numerous Government restrictions on the use of chemicals, metals, etc., we expect some shortages. Order early to assure prompt delivery.

A check, post office or express money order may be enclosed to cover costs. An order with currency should be sent by registered mail.

Charge accounts will gladly be opened upon receipt of proper references.

C.O.D. orders accepted by phone or mail for $5 or more. Sorry, no C.O.D.'s. for plants, shrubs or roses.

NOTICE

Using order blanks supplied and stating catalog number helps us to fill your order quickly and accurately. Additional forms will be supplied promptly upon request. Any request for additional information should be submitted on a separate sheet, and always complete with name and address.

WARRANTY: Peter Henderson, Stumpp & Walter Co. warrants to the extent of the purchase price that seeds, plants, shrubs, trees or bulbs sold are as described on the container within recognized tolerances. Seller gives no other or further warranty, express or implied.

EXPORT INQUIRIES and all matters regarding export should be addressed to PETER HENDERSON, STUMPP & WALTER CO., 1010 Garfield Avenue, Jersey City, N. J.

To make your ordering easier, we are for the first time listing all items at a prepaid price. Wherever you live, simply list the items you want and the prices as they appear. The total is the cost delivered to your door . . . add nothing for postage.

ROSE Order Sheet—Spring, 1953

PETER HENDERSON, STUMPP & WALTER CO.

1010 Garfield Ave., Jersey City, N. J.

PLEASE PRINT NAME AND ADDRESS CLEARLY

Date _____ 1953

AMOUNT ENCLOSED

$ _____

Please add 3% Sales Tax if delivery is to be made within New York City.

CONNECTICUT. Please add 2% Sales Tax on orders of $25 or over if delivery is to be made within the state of Conn.

Name _____

P. O. Box, Street or Rural Delivery _____

Post Office _____ *P. O. Unit No.* _____ *State* _____

Station or Express Office _____

Only if different from Post Office

If your address has changed since placing your last order, please fill in previous address here

State _____ *City* _____

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Please use this Order Sheet ONLY for . . . ROSES

Please do not write in this space	QUANTITY	CATALOG NUMBER	ROSES	PRICE	

List additional items on next page

ANY CORRESPONDENCE RELATING TO YOUR ORDER OR REQUESTING INFORMATION SHOULD BE WRITTEN ON A SEPARATE SHEET.

All Catalog Prices Are PREPAID ADD NO POSTAGE

ROSE ORDER SHEET

QUANTITY	NUMBER	ROSES	PRICE	

Please add 3% Sales Tax if delivery is to be made within New York City. Please add 2% Sales Tax on orders of $25 or over if delivery is to be made within the State of Conn.

IF ANY ITEMS ARE MISSING when you unpack your order, look for a memorandum, either enclosed or sent by mail, telling you that they will follow later. The memorandum may be for goods which are not available at the moment. Small packages are often enclosed in larger bags of seed or fertilizer.

YOU NEED NOT ENCLOSE CASH with your Order if you have charge accounts with other business houses. List here the stores with which you trade:

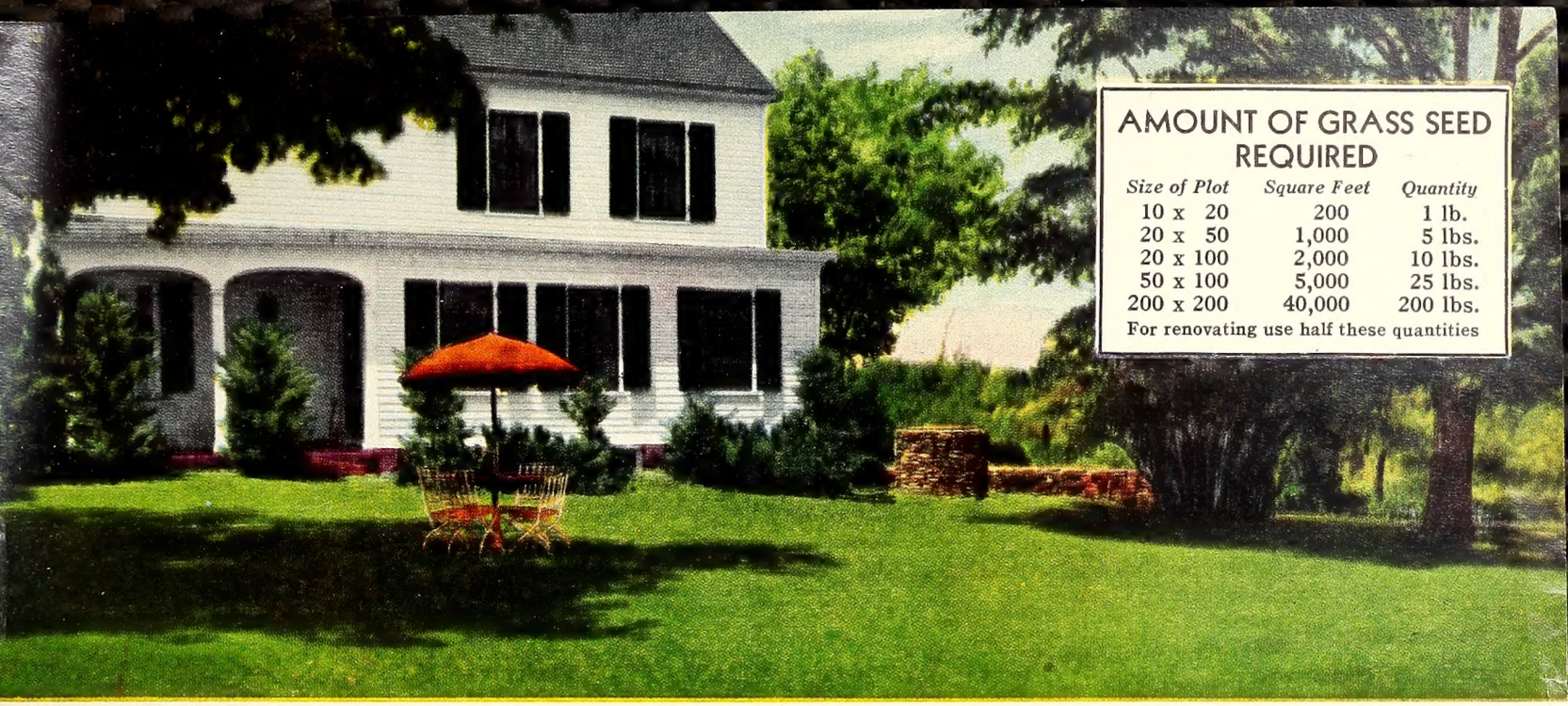
_____

_____

_____

We send the merchandise you select without delay, and will mail you an invoice which is payable within thirty days.

Rose Order Sheet



AMOUNT OF GRASS SEED REQUIRED

Size of Plot	*Square Feet*	*Quantity*
10 x 20	200	1 lb.
20 x 50	1,000	5 lbs.
20 x 100	2,000	10 lbs.
50 x 100	5,000	25 lbs.
200 x 200	40,000	200 lbs.

For renovating use half these quantities

for a Beautiful Lawn • Henderson's LAWN SEED MIXTURES

The cost of lawn seed represents but a small part of the total investment in making a lawn and, in the final analysis, the highest grade seed you can buy is the wisest investment.

Staigreen LAWN SEED

The Best on Earth—Pure seed of high germination
Maximum freedom from weed seed

Years of experimentation and observation of the development of grasses in all kinds of soils and under varying conditions have led to this, our finest formulation. The formula is not fixed, but is varied as new and better lawn seed varieties become available. The present Staigreen lawn seed mixture contains: KENTUCKY BLUE GRASS for permanence, MIXED BENT for soft pleasing texture, CHEWING'S FESCUE to resist heat, FANCY RED TOP for early start, ILLAHEE CREEPING FESCUE for density, POA TRIVIALIS for shaded areas. Staigreen has a definite resistance to chinch-bug injury, to drought and summer scald. It is recommended for all lawns, including those closest to the seas, on slopes and terraces. White Clover, not included in the formula, may be sown separately, allowing 1 lb. to 20 lbs. of Staigreen. Lb. $1.50; 2½ lbs. $3.70; 5 lbs. $7.25; 10 lbs. $14; 25 lbs. $33.50; 100 lbs. $125.

Shady Place

BEST UNDER TREES

A formula made up of the best grasses tolerant of shade, including Chewing's Fescue, Illahee Fescue, Bents and other fine seed for establishing permanent turf. Although especially recommended for shaded areas, the proportion of grasses is sufficient to make the formula adaptable where there are both sunny and shady areas. Lb. $1.50; 2½ lbs. $3.70; 5 lbs. $7.25; 10 lbs. $14; 25 lbs. $33.50; 100 lbs. $125.

The Henderson

The Henderson does not contain Bent grass, but the formula is otherwise compounded chiefly of deep-rooted permanent grasses and has satisfied many of America's foremost gardeners for more than a century. Lawns planted with The Henderson lawn seed have a permanent quality.

Cost of the seed represents only a small part of the total investment in making a lawn, and it pays to buy high-grade seed. The Henderson celebrated formula has been thoroughly tested by country-wide use for more than a century and approved by many of America's foremost gardeners. Lb. $1.25; 2½ lbs. $3.10; 5 lbs. $6; 10 lbs. $11.50; 25 lbs. $27.50; 100 lbs. $100.

Greenlawn

GRASS SEED

Here we have the lowest price at which we can offer recleaned grasses up to the Peter Henderson, Stumpp & Walter Co.'s standards of purity and high germination. Lush green turf develops quickly. Where soil is thin and poor and the finest turf is not of utmost importance, Greenlawn is your best buy. Lb. 85c; 5 lbs. $3.75; 10 lbs. $7.25; 25 lbs. $16.50; 100 lbs. $60.

5 lbs. for $3.75

to help you have a BETTER LAWN...

No lawn is ever better than the soil in which it is planted. In many locations a lawn may be successful on 3 inches of top-soil . . . but 6 or 10 inches are better. The top surface of the base should be loosened before putting on the top-soil. This bonding permits the free flow of moisture through the soil both up and down. Prepare the lawn surface well in advance of planting so that soil samples may be tested and amplified with the necessary fertilizers, humus or peat before planting. Complete information on these and other points of lawn care are included in our leaflet.

"HOW TO MAKE A LAWN"

A copy is included with all lawn grass seed orders. It has been prepared to help you achieve the beautiful velvety green turf you should have with Henderson's lawn grass mixtures.

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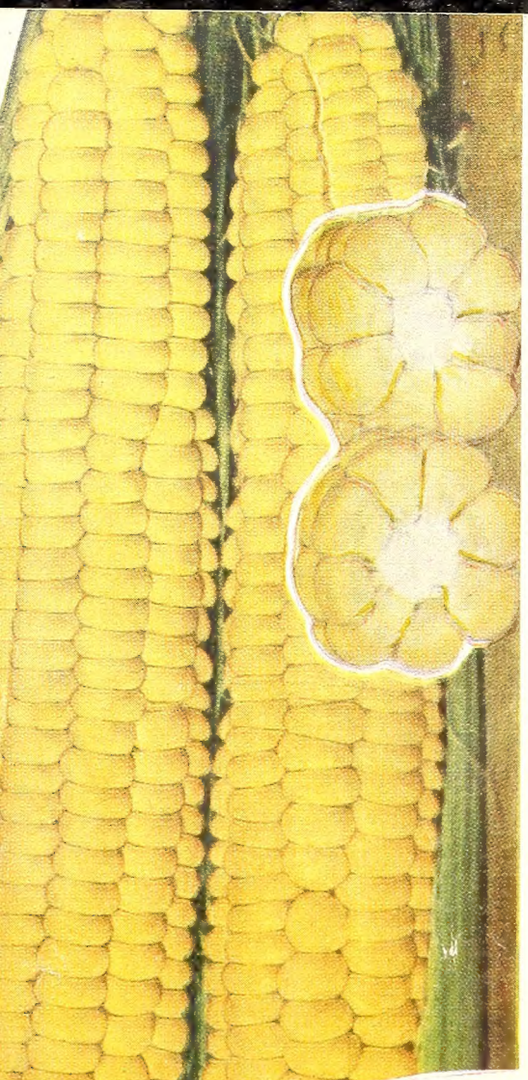

Cream-O-Gold

THE WORLD'S FINEST SWEET CORN

105 Ears are 8 to 9 inches long, set with 8 or 10 rows of deliciously sweet, creamy yellow kernels. The cob is not much thicker than a pencil, so the kernels are extra deep. The lusciously sweet pulp is covered with a thin skin, which accounts or much of its tenderness. Plants are uniformly about 5½ feet tall, and most stalks produce two full-size ears. Under average growing conditions they will be ready for the table in 88 days. We urge you to order for a liberal planting, bearing in mind that Cream-O-Gold is also ideal for quick freezing.

(*The genuine Cream-O-Gold is obtainable only from us.*)

Pkt. 25c; ½lb. 60c; lb. $1.10; 5 lbs. $5.25

... and Winsall

THE WORLD'S MEATIEST TOMATO

915 The outstanding merits of this Henderson Exclusive are its remarkably vigorous and disease-resistant growth, its uniformly round form, its large size and the delicious flavor of its firm, meaty, practically seedless flesh. It is far more uniform in both size and conformation than the popular Ponderosa and eclipses it in productivity. 85 days.
Pkt. 25c; 5 pkts. $1; ½oz. $2; oz. $3.50.

... both exclusive with Henderson

Peter Henderson, Stumpp & Walter Co.

1010 Garfield Ave. · JERSEY CITY · NEW JERSEY